Introduction

- About Hunter College
- Accreditation
- Hunter College Mission Statement
- Statement of Institutional Learning Outcomes
- College Governance
- College Name
- Administration of Hunter College of the City University of New York
- Office of the Provost
- City University of New York Administration

Admissions

Over 16,000 undergraduate students attend Hunter College. These students vary widely in age, interests, background and educational goals. The Undergraduate Office of Admissions at Hunter College encourages all prospective students to meet with an admissions counselor to discuss their educational goals and opportunities at Hunter. Prospective students are also invited to visit the campus. Campus tours originate from the College Welcome Center, room 100 Hunter North.

- How to Apply

Freshman Admission

- Academic Preparation
- Advanced Placement and College-Level Courses Taken while in High School
  - Advanced Placement (AP)
  - International Baccalaureate (IB)
  - College Courses Taken While in High School

Special Admissions Programs and Categories for Freshmen

- CUNY Macaulay Honors College at Hunter College
- ESL (English as a Second Language) Designation
- SEEK Program (Search for Education, Elevation and Knowledge)
- Honors Scholar Programs
- Early College Initiative High Schools

Transfer (Advanced Standing Admission)

- Transfer Students: Regionally Accredited College or University
- Nondegree student transfers
- Transfer Credit Policy
• Transferring Graduate Coursework
• Transfer Students from CUNY Community Colleges
• Transfer Students from SUNY Community Colleges
• Transfer Appeals Officer

International Admission

• Criteria
• Non-English Speaking Applicants
• International Student's Office

Nondegree Students

• Nondegree Students

Visiting Students

• Visiting Students

Immunization Requirements

• Immunizations for Measles, Mumps and Rubella (MMR)
• Meningococcal Meningitis Disease
• Noncompliance of Immunization Requirements
• Immunization Requirement Form

Senior Citizens

• Senior Citizens

Re-Admission

• Re-Admission

CUNY Proficiency Requirements

• Degree Students and CUNY Proficiency Requirements
• Nondegree Students and CUNY Proficiency Requirements
• The Hunter College Mathematics Placement Test (MPT)

Opportunities for High School Students
Financial Aid & Tuition

The Office of Financial Aid assists matriculated undergraduate students gain access to funds used to pay for educational expenses at Hunter College. Federal and State aid funds are available to help pay for these expenses.

- Tuition and Fees
- Application Procedure
- Financial Need
- Student Eligibility
- The Cost of Education
- CUNY 7th Day Financial Aid Certification Date policy
- Federal Financial Aid
- New York State Financial Aid Programs
- New York City Programs

Policies & Requirements

1. Academic Requirements
2. Institutional Policies
3. Health & Safety Policies and Procedures

Student Life

Academic Services

- The Dr. Murray and Anna C. Rockowitz Writing Center
- Writing Across the Curriculum
- The Mary P. Dolciani Mathematics Learning Center
- The Leona and Marcy Chanin Language Center
- Skirball Science Learning Center (SSLC)
- The Social Sciences Computing Laboratory
- Hunter College Libraries
- The Registrar's Office
- The Office of the Bursar
- Registrar's Office/One Stop
- Honor Societies
Student Services

• The Office of Advising
• Learning Community
• Honors Scholar Programs
• Career Development Services
• Counseling & Wellness Services
• Office of AccessABILITY (for Students with Disabilities)
• International Students Office (ISO)
• Children's Learning Center
• The Sylvia E. Fishman Student Center
• Center for Student Achievement
• Campus Housing
• Sports, Recreation and Fitness
• Recreation, Fitness and Intramurals
• Clubs, Organizations and Student Activities
• Assembly and Meeting Hours
• Athletic Program Participation Notice
• Student Veterans Services
• VA Pending Payment Compliance

Other Services

• College Bookstore
• Food Services
• Alumni Association
• Instructional Computing and Information Technology Resources

Special Academic Programs

Honor's Programs: Hunter College provides a range of honors programs for students with strong academic records and the desire for stimulating courses and a host of special opportunities.

1. Macaulay Honors College at Hunter College
2. Thomas Hunter Honors Program (Special Honors Curriculum)
3. Undergraduate Research
4. Honors Scholar Programs

Pre-Professional Programs

1. Pre-Health Professions
2. Pre-Law
3. Cooperman Business Center, Business Advising
4. Preparation for Social Work

Other Opportunities Program
1. Education Abroad Programs
2. Continuing Education Programs
   - The International English Language Institute (IELI)
   - The Writing Center through Continuing Education at Hunter College
   - Parliamo Italiano

Research Centers and Institutes

- Brookdale Center for Healthy Aging
- The Center for Puerto Rican Studies

Performing and Fine Arts Venues

- The Kaye Playhouse
- Assembly Hall
- The Frederick Loewe Theatre
- Ida K. Lang Recital Hall
- Roosevelt House
- Hunter Galleries

Faculty

1. Faculty of the School of Arts and Sciences
2. Faculty of Hunter-Bellevue School of Nursing
3. Faculty of the School of Urban Public Health
4. Faculty of the School of Education
5. BSW Faculty and BSW Committee

Catalog Home

Welcome to Hunter College’s Online Catalog

Hunter College, located in the Upper East Side neighborhood of New York City and easily reached by public transportation, now releases its undergraduate catalog annually online to permit changes in programs and courses to reach you more swiftly. The online catalog makes the information more accessible at the same time reducing our impact on the environment.

Hunter offers a myriad of academic offerings in our School of Arts and Sciences, School of Education, Hunter Bellevue School of Nursing, Silberman School of Social Work and School of Urban Public Health. Our goal is to provide you, the student, with the most accurate and up-to-date information. The catalog should be used as a guide in planning your course of study in order to meet your degree requirements and graduate in a timely fashion. We hope you find this information useful and we wish you good luck at Hunter!
Programs of Study

Adolescent Biology, Grades 7-12 - BA

The BA program in Adolescent Biology Education leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Biology.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.

In the case of Biology, the courses that meet CCCR are:

- BIOL 10000 (STEM) - Principles of Biology I
- BIOL 10200 (STEM) - Principles of Biology II

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: BIOL1AE-BA & MHCB1AE-BA

Credits: 94 - 110

Biology Requirements (67-83 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

Math Courses (3-17 credits)

- MATH 10100 - Algebra for College Students*
  - or -
  - MATH 101EN - Algebra for College Students - Enhanced*

- MATH 10150 - Mastery of Symbolic Computation*

- MATH 12400 (STEM) - College Algebra and Trigonometry*
  - or -
  - MATH 12500 (STEM) - Precalculus*
  - or -
  - MATH 12550 (STEM) - Precalculus with Workshop*

- MATH 14000 - Mathematical Reasoning Workshop * unless students earn a grade of B- or above in MATH 12550
• MATH 15000 (STEM) - Calculus I*
  - and -
• MATH 15500 (STEM) - Calculus II*
  - or -
• MATH 15200 (STEM) - Calculus for Life and Social Sciences*
  - and -
• STAT 21300 (STEM) - Introduction to Applied Statistics*

A. Introductory Biology (9)
• BIOL 10000 (STEM) - Principles of Biology I
• BIOL 10200 (STEM) - Principles of Biology II

B. 200-level and higher Concentration in Biology and additional courses (55-57 credits)

1. Required Courses (44-46)
• BIOL 20300 - Molecular Biology and Genetics
• BIOL 30000 - Biological Chemistry
• BIOL 30300 - Cell Biology
• CHEM 10200 (STEM) - General Chemistry I*
• CHEM 10400 (STEM) - General Chemistry II*
• CHEM 10600 (STEM) - General Chemistry Laboratory*
• CHEM 22200 - Organic Chemistry Lecture I*
• CHEM 22300 - Organic Chemistry Laboratory I*
• CHEM 22400 - Organic Chemistry Lecture II

• PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*
  - and -
• PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics*
  - or -
• PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*
  - and -
• PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics*

*These courses may be counted for credit in more than one program.

2. Electives (11 credits)

Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two
elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, at least one special-topics course must be taken (BIOL 47000 or BIOL 47100 or BIOL 79000; various topics offered each semester) in addition to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major (e.g. BIOL 12000, BIOL 12200 and BIOL 23000). Please read the course descriptions carefully to identify those courses. If you have any questions about which courses can be used as major electives, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits are taken as a BIOL 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course. Laboratory research credits can also be obtained from BIOL 61000.

Education Requirements (27 credits)

**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

*3 hrs
3 cr.*

**SEDF 20400 - Adolescent Development**

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

*2 hrs per week plus 36 hrs fieldwork
2 cr.*

**SEDF 20500 - Educational Psychology: Applications in Grades 7-12**

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

*prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.*

**SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12**

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

*prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.*
SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.

SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.

prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq: SEDF 20300, 20400
1 hr
1 cr.

SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.

prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than
one in the liberal arts.

coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on “collaborative education” to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080
-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200
3

SEDCP 45410 - Student Teaching in Biology, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified biology teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Chemistry, Grades 7-12 - BA
The program in Adolescent Chemistry Education leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

**Declaring the Major**

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

**Requirements to Declare the Major**

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Chemistry.
5. Participation in a group interview.

**Undergraduate Academic Progress Standards**

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose
courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.

In the case of the Mathematics, the courses that meet CCCR are:

- MATH 12500 (STEM) - Precalculus
- CHEM 10200 (STEM) - General Chemistry I
- CHEM 10400 (STEM) - General Chemistry II
- CHEM 10600 (STEM) - General Chemistry Laboratory
- CHEM 11100 (STEM) - Chemical Principles
- CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: CHEADED-BA & MHCCHEA-BA

Credits: 89 - 101

Chemistry Requirements (62-74 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

Choose One General Chemistry Sequence (11 credits)

- CHEM 10200 (STEM) - General Chemistry I
  -and-
- CHEM 10400 (STEM) - General Chemistry II
  -and-
- CHEM 10600 (STEM) - General Chemistry Laboratory
  -OR-
- CHEM 11100 (STEM) - Chemical Principles
  -and-
- CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Organic Chemistry (13 cr.)

- CHEM 22200 - Organic Chemistry Lecture I and CHEM 22300 - Organic Chemistry Laboratory I
- CHEM 22400 - Organic Chemistry Lecture II and CHEM 22500 - Organic Chemistry Laboratory II

Additional Required Courses (12 cr.)

- CHEM 24900 - Quantitative Analysis
- CHEM 35200 - Physical Chemistry I
- CHEM 35400 - Physical Chemistry II - F
  -or-
- CHEM 35600 - Physical Chemistry II
- CHEM 35500 - Physical Chemistry Laboratory I
- CHEM 35700 - Physical Chemistry Laboratory II

Required elective course (3-5 credits)
- Any chemistry course at the 300 level or above excluding CHEM 49101

Required Math Courses (12-22 credits)
- MATH 10100 - Algebra for College Students *
  or
- MATH 101EN - Algebra for College Students - Enhanced *
- MATH 10150 - Mastery of Symbolic Computation *
- MATH 12400 (STEM) - College Algebra and Trigonometry *
  or
- MATH 12500 (STEM) - Precalculus *
  or
- MATH 12550 (STEM) - Precalculus with Workshop *
- MATH 14000 - Mathematical Reasoning Workshop * unless students earn a grade of B- or above in MATH 12550
- MATH 15000 (STEM) - Calculus I *
- MATH 15500 (STEM) - Calculus II *
- MATH 15600 - Introduction to Mathematical Proof Workshop *
- MATH 25000 - Calculus III *

Required Physics Courses (11 cr.)
- PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*
- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics*

*These courses may be counted for credit in more than one program.
Education Requirements (27 credits)

**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

*3 hrs
3 cr.*

**SEDF 20400 - Adolescent Development**

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

*2 hrs per week plus 36 hrs fieldwork
2 cr.*

**SEDF 20500 - Educational Psychology: Applications in Grades 7-12**

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

*prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.*

**SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12**

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

*prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.*

**SEDC 21000 - Building the Foundations of Literacy in Grades 7-12**

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

*3 hrs
3 cr.*

**SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12**

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.

*prereq or coreq: SEDF 20300, 20400*
3 hrs
3 cr.

**SEDC 22000 - Adolescent Health and Safety**

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

*prereq: SEDF 20300, 20400*

1 hr
1 cr.

**SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12**

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.

*prereq: SEDC 21300*

*prereq or coreq: SEDF 20500, SEDC 21000*

2 hrs per week plus 48 hrs fieldwork
2 cr.

**SEDCP 34100 - Adolescent Fieldwork**

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

*coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500*

15 hours of seminar; 48 hours of fieldwork
1 cr.

**SPED 30800 - Teaching Students with Special Needs in Inclusive Settings**

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.
prereq: QSTA 40080 or QSTAP 40080

-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200

3

SEDCP 45420 - Student Teaching in Chemistry, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified chemistry teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Education Programs, Grades 7-12 and Dance Education, Grades Pre K-12

List of Programs

- Adolescent Biology, Grades 7-12 - BA
- Adolescent Biology, Grades 7-12 - BA/MA
- Adolescent Chemistry, Grades 7-12 - BA
- Adolescent Chemistry, Grades 7-12 - BA/MA
- Adolescent Earth Science, Grades 7-12 - BA/MA
- Adolescent English, Grades 7-12 - BA
- Adolescent Mathematics, Grades 7-12 - BA
- Adolescent Mathematics, Grades 7-12- BA/MA
Progress Standards

1. Students must maintain a minimum overall GPA of 2.8 and an education sequence index of 2.8.

2. Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.

3. Any student who receives a grade of D+ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.

4. Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.

5. Any student who has more than two grades of IN will be permitted to register for only one course the following semester.

Students will be permitted to register for the second methods course in their subject area only after having met the following requirements:

1. Completion of 18 credits of study in the major subject area;

2. Approval of the major department adviser; and

3. Maintenance of an overall GPA of 2.8 and an education sequence index of 2.8.

Students should register to take the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examinations during their junior year. Students will not be allowed to enroll in student teaching until their scores on the LAST have been received by the School of Education. Students who do not pass the LAST at least partly because of low scores on subtest 4 and/or 5 must enroll in a college writing course before being allowed to register for any additional courses.

Admission Process

1. Students interested in applying to the Adolescent Education program should apply at the beginning of the semester prior to the semester in which they plan to enroll.

2. Students must participate in a group interview with several other students and School of Education faculty members.

3. Students must complete an on-site writing sample that the School of Education faculty will use to assess written English skills.

Admission Requirements

Students who wish to enter the adolescent education sequence must meet all the criteria given below.
1. Minimum of 65 credits but no more than 90 credits;
2. GPA of at least 2.8. If a student has more than 6 credits of CR/NR grades, the excess of these grades will be calculated as C or F in determining whether the student meets the minimum GPA;
3. A grade of at least B in ENGL 12000 (or a 200- or 300-level writing course such as ENGL 201);
4. Formal declaration of a major in a subject area appropriate for certification: English, Languages Other than English (Chinese, French, German, Hebrew, Italian, Russian, Spanish), Mathematics, Biology, Chemistry, Physics, Social Studies (Geography Option 2), Dance; and
5. Submission of an application for admission to the sequence (the application is available in the Office of Educational Services, Room 1000 Hunter West).

Program Overview

Students who major in an academic subject may also wish to complete a sequence of courses in education that will enable them to pursue a career teaching students in grades 7-12. The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools.

Programs in adolescent education at Hunter College prepare prospective teachers to serve as highly effective educators in urban middle and high schools. Through rigorous course work, fieldwork and student teaching experiences in New York City schools, students learn how to provide an academically rigorous education to students of diverse backgrounds, abilities and interests.

Content Knowledge

Courses in the academic discipline offered by the School of Arts & Sciences will deepen teacher candidates’ subject knowledge. They will learn how to use knowledge of their subject to design and implement classroom instruction that reflects State and professional standards.

Professional Knowledge

Teacher candidates will learn the theory and practice of effective pedagogy in their subject area. They will gain a grounding in the history, philosophy, psychology and sociology of education that will inform their teaching. They will study research-based theories and methods of teaching their subject to students with special needs, including special education students and English language learners.

Skills

Teacher candidates will learn to design lessons and units of work for students and to adapt their instruction to students’ prior knowledge and level of skill. They will gain expertise in analyzing and using assessments of student achievement to guide and inform their instruction. They will master the use of technology as a tool for teaching their subject. They will learn to manage their classrooms to provide effective instruction for all students. They will practice ways to assess and reflect on their teaching practice in order to strengthen their work with students and grow as professionals.

Creating Community
Teacher candidates will learn to create humane and ethical learning communities in their classrooms and schools in which all students receive the support they need to achieve academically. They will learn to communicate effectively with parents, families, community members and other members of the school faculty and staff in order to provide this support.

Programs

The Hunter College School of Education offers the following undergraduate programs leading to initial certification in adolescent education (grades 7-12): biology, chemistry, Chinese, English, French, German, Hebrew, Italian, mathematics, physics, Russian, social studies and Spanish. Hunter also offers an undergraduate program leading to initial certification in dance (pre-K-12). In addition, BA/MA programs in biology, chemistry, earth science, mathematics, music and physics are offered. These programs lead to initial and professional certification.

The program of study for the baccalaureate degree at Hunter College requires a minimum of 120 credits. This is a daytime program that includes fieldwork in New York City public schools designated by the Hunter College School of Education. Students who wish to pursue initial certification in one of the above areas must take a specified sequence of education courses, in addition to fulfilling the college’s General Education Requirement (GER) and the requirements of their liberal arts or sciences major. All relevant departments accept the adolescent education sequence as a minor.

Transfer Students

The program will conditionally admit transfer students with 60 or more credits who have a GPA of at least 3.3 without requiring that they complete 12 credits at Hunter College. However, they must establish a minimum GPA of 2.8 at Hunter College to continue in the program after the first semester. Any transfer student who has a GPA of 2.8-3.29 must complete 12 credits at Hunter College with a cumulative GPA of at least 2.8 before being admitted to the program in adolescent education.

Adolescent English, Grades 7-12 - BA

The BA program in Adolescent English Education leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor’s degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.
The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in English.
5. Participation in a group interview.

Meeting minimum requirements to declare the major does not guarantee entry into the program.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Course of Study

Academic Plan: ENGPREP-BA & MHCEGP-BA

Credits:

Sub-total = 60
Electives = 9
Total credits required = 69

English Courses (39 Credits)

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019
In the case of English, the course that meets CCCR is:

ENGL 22000 - Introduction to Writing about Literature (W)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Introductory Courses (6 credits)**

- ENGL 22000 - Introduction to Writing about Literature (W)
- ENGL 25200 - Introduction to Literary Studies
  (ENGL 22000 must be the first course taken in the major)
  (ENGL 25200 must be taken within a semester of declaring the major)

**Surveys in Literature and Theory (12 credits)**

- ENGL 30300 - Western Literary Backgrounds of British and American Literature
- ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century
- ENGL 30600 - Introduction to Literary Theory (W)
- ENGL 30700 - Survey of American Literature: From Origins to the Civil War

**Literature Requirements (6 credits)**

One course from

- ENGL 31700 - Topics in Non-European Literary Traditions (W)
- ENGL 31800 - Topics in Literature of Non-European Americans (W)
- ENGL 32000 - Multi-Ethnic American Literature (W)
- ENGL 32100 - Topics in African American Literature
- ENGL 32300 - Topics in Asian American Literature
- ENGL 32400 - Topics in Native American Literature
- ENGL 32500 - Post-Colonial Literature in English (W)
- ENGL 32600 - Topics in US Latina/o Literature
- ENGL 32700 - Topics in Caribbean Literature (W)
- ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

One course from

- ENGL 35200 - Shakespeare Survey
- ENGL 35300 - Shakespeare I
- ENGL 35400 - Shakespeare II

**Required courses in Linguistics (3 credits)**

- ENGL 28000 - The Structure of Modern English

**Required courses in Writing (6 credits)**
• ENGL 30100 - Composition Theory and Practice

And one of:

• ENGL 28500 - Introduction to Creative Writing
• ENGL 34300 - Topics in Composition Studies

Electives (9 credits)

Students in this major are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28500). All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689, may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be granted for 300-level courses in other departments.

400-level Advanced Seminar

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

ENGL 49000 Advanced Seminar in Literature and Criticism (Prerequisites: ENGL 22000; ENGL 25200; ENGL 30400; ENGL 30600; ENGL 30700; one of ENGL 31700, 31800, 32000, 32100, 32200, 32400, 32500, 32600, 32700, or 32900)

ENGL 49200 Advanced Seminar in Linguistics and/or Rhetoric (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28000; ENGL 30100: one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, ENGL 34800)

ENGL 48400 Advanced Seminar in Creative Writing (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28500; ENGL 30400; ENGL 30700; and both a level 1 and 2 workshop in the student's chosen genre)

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

Education Courses (27 credits)

SEDf 20300 - Social Foundations of Education, Grades 7-12 (W)
Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.

**SEDF 20400 - Adolescent Development**

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork
2 cr.

**SEDF 20500 - Educational Psychology: Applications in Grades 7-12**

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

*prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.*

**SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12**

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

*prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.*

**SEDC 21000 - Building the Foundations of Literacy in Grades 7-12**

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.

**SEDC 21100 - Young Adult Literature in Our Diverse Society**

Familiarizes prospective teachers with a wide variety of literature for or about young adults. Books discussed and dramatized during each session reflect diverse cultures, varying learning styles, and special needs of young adults. The English language arts standards are addressed as delineated in city and state regulations. Literacy and comprehension skills are explored as well.

*prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.*

**SEDC 22000 - Adolescent Health and Safety**
Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

**prereq:** SEDF 20300, 20400

1 hr

1 cr.

**SEDC 32100 - Teaching English Methods to a Diverse Population in Grades 7-12**

Methodology that facilitates the learning of English language arts for a diverse population in secondary schools. Teacher candidates will engage in ways of teaching adolescents the skills of reading, responding to literature, writing (creative and expository), listening, speaking, and applying grammar conventions. They will write lesson and unit plans and experiment with classroom management and assessment techniques as they present lessons to the class for peer and instructor criticisms. State and city teaching standards will be applied throughout the course.

**prereq:** SEDC 21100

**prereq or coreq:** SEDF 20500, SEDC 21000

2 hrs per week plus 48 hrs fieldwork

2 cr.

**SEDCP 34100 - Adolescent Fieldwork**

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

**coreq:** SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500

15 hours of seminar; 48 hours of fieldwork

1 cr.

**SEDCP 45100 - Student Teaching in English, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified English teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

**prereq:** SEDC 32100

**prereq or coreq:** SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080

-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Mathematics, Grades 7-12 - BA

The BA program in Adolescent Mathematics Education leads to initial certification as a teacher in New York State.

There are two tracks:

- Track I Mathematics
- Track II Statistics

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.
Students interested in an Education program should interview as early as possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Mathematics or Statistics.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.

In the case of the Mathematics, the courses that meet CCCR are:

- MATH 12500 (STEM) - Precalculus
- MATH 15000 (STEM) - Calculus I
- MATH 15500 (STEM) - Calculus II
- STAT 21300 (STEM) - Introduction to Applied Statistics

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study
Academic Plan: MATADED-BA & MHCMATA-BA

Credits: 60 - 77

Mathematics Requirements (33/34 - 50 credits)

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

The following courses may be counted for credit in more than one program: MATH 101, 101EN, 10150, MATH 124, 125, 125, 140, 150, 155, 156, 250; STAT 213, 311

- Mathematics Track (34-50 credits)
- Statistics Track (33-50 credits)

Education Requirements (27 credits)

SEDFF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.

SEDFF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork

2 cr.

SEDFF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

prereq: SEDF 20300, 20400

2 hrs per week plus 36 hrs fieldwork

2 cr.

SEDFF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

prereq: SEDF 20500, SEDC 21000

2 per week plus lab

2 cr.
SED 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.

SED 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.

prereq or coreq: SEDF 20300, 20400

3 hrs
3 cr.

SED 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq: SEDF 20300, 20400

1 hr
1 cr.

SED 32300 - Methods II: Teaching Diverse Learners in Mathematics, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in mathematics. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.

prereq: SEDC 21300

prereq or coreq: SEDF 20500, SEDC 21000

2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

**SPED 30800 - Teaching Students with Special Needs in Inclusive Settings**

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

*prereq: QSTA 40080 or QSTAP 40080

-- or --

*prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200

3

3

**SEDCP 45300 - Student Teaching in Mathematics, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified math teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

*prereq: SEDC 32300
prereq or coreq: SEDF 20600

2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

**School of Education Exit Standards**

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

**Adolescent Physics, Grades 7-12 - BA**
The BA program in Adolescent Physics Education leads to initial certification as a teacher in New York State. The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Physics.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose
courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.

In the case of the Physics, the courses that meet CCCR are:

- PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: PHYS-ED-BA & MHCPHYA-BA

Credits: 81 - 98

Physics Requirements (54-71 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Physics department for details.

The following courses may be counted for credit in more than one program: MATH 101, 101EN, 10150, MATH 124, 125, 125, 140, 150, 155, 156, 250; CHEM 102, 104, 106

A. Introductory Physics: Two Semesters (11 credits)

- PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

B. Concentration in physics courses at the 200 level and higher (22-24 Credits)

- PHYS 22100 - Electronics
- PHYS 33400 - Intermediate Electricity and Magnetism
- PHYS 33500 - Intermediate Mechanics
- PHYS 22200 - Electronics Laboratory
- PHYS 23000 - Classical Physics Laboratory
- PHYS 23500 - Modern Physics Laboratory
- PHYS 38500 - Numerical Methods I
- PHYS 48500 - Numerical Methods II

C. Required Math & Chemistry courses (21-36 credits)

- MATH 10100 - Algebra for College Students
  or
- MATH 101EN - Algebra for College Students - Enhanced
• MATH 10150 - Mastery of Symbolic Computation

• MATH 12400 (STEM) - College Algebra and Trigonometry

or

• MATH 12500 (STEM) - Precalculus

or

• MATH 12550 (STEM) - Precalculus with Workshop

• MATH 14000 - Mathematical Reasoning Workshop unless students earn a grade of B- or above in MATH 12550

• MATH 15000 (STEM) - Calculus I

• MATH 15500 (STEM) - Calculus II

• MATH 25000 - Calculus III

• MATH 25400 - Ordinary Differential Equations

• CHEM 10200 (STEM) - General Chemistry I

• CHEM 10400 (STEM) - General Chemistry II

• CHEM 10600 (STEM) - General Chemistry Laboratory

NOTE: The chemistry courses may be substituted by one year of high-school-level chemistry.

Students preparing to teach physics are advised to include the following courses or their equivalents in their undergraduate program:

• ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises

• GEOL 10000 - Introduction to Geology

• BIOL 10000 (STEM) - Principles of Biology I

Education Requirements (27 credits)

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.

SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork
2 cr.
SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.

SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.

prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq: SEDF 20300, 20400
1 hr
1 cr.

SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080
-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200
3

SEDCP 45430 - Student Teaching in Physics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified physics teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.
prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Social Studies, Grades 7-12

The BA program in Adolescent Social Studies Education leads to initial certification as a teacher in New York State. The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year. The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter. The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in History.
5. Participation in a group interview

Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
• Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
• Any student who receives a grade of D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
• Any student who receives a grade of F in any education course will not be permitted to continue in the program.
• Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement. In the case of Social Studies, the courses that meet CCCR are:

**HIST 11100 - World History to 1500**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 11200 - World History from 1500 to the Present**

**Hunter Core**
World Culture and Global Issues (WCGI)

**GER**
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 12100 - Early Modern Europe 1500 to 1815**

**Hunter Core**
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 12200 - 19th and 20th Century Europe (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 20800 - History of the Jews
An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

**HIST 27700 - East Asia to 1600 (W)**

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD.

Courses at the 300-level and above not offered to freshmen.

3 hrs

3 cr.

**HIST 27800 - East Asia, 1600 to the Present (W)**

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD.

Courses at the 300-level and above not offered to freshmen.

3 hrs

3 cr.

**GEOG 10100 - People and Their Environment**

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course
builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs 3 cr.
offered fall and spring.

ECO 10000 - Introduction to Economics

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings. ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

prereq: Math/Writing Proficient/Non degree students
3 hrs 3 cr.

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11000. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs 3 cr.

Note
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: HSSADED-BA & MHCHISA-BA

Credits: 69

Social Studies Courses (42 credits)

Introductory Courses (9 credits)

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

GEOG 15000 - World Regions in Global Context

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A or D
GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are
used to study environmental, economic, social, and political conditions and identify key concerns in the culturally
diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-
Saharan Africa, and others), connections in and between these regions, and how these regions and their populations
interact as parts of a global system. For each world region, you will learn major historical events, specific interactions
between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

Geography (6 credits)

Choose two courses totaling six (6) credits from the list below:

**GEOG 22100 - Economic Geography and Globalization**

**GER**
2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both
economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history
of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly
geographical nature of economic phenomena and processes, and the immense contributions geographers have made to
the understanding of economics. Course focus is on the dominant form of global economic activity today, which is
capitalistic, and the way this economic structure plays out through different geographies at different historical moments
in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr.
Offered fall and spring

**GEOG 24100 - Population Geography (W)**

**Pluralism and Diversity**
PD/B or C
**GER**
3/B

Course will explore several critical issues such as the relationship between population growth and development;
immigration and internal migration; how age, race and gender affect other demographic processes; and how and why
these processes vary around the world. Additionally, students will examine the “mechanics” of computing population
growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

**GEOG 24300 - Urban Geography**
GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GEOG 24700 - Cultural Geography

GER
3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr.

GEOG 30500 - Special Topics in Urban and Regional Dynamics

Advanced topics in urban geography. Topics will vary. Open to Jr/Sr only.

prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr.

GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to Jr/Sr only.

prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr.

GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

GER
3/B

Open to Jr/Sr only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.

prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr.
Political Science & Economics (6 credits)

**ECO 10000 - Introduction to Economics**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings. ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

**prereq:** Math/Writing Proficient/Non degree students

3 hrs
3 cr.

**POLSC 11000 - American Government: A Historical Introduction**

**Hunter Core**
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

**prereq:** ENGL 12000 (or equivalent)

**prereq or coreq:** ENGL 12000 or its equivalent

3 hrs
3 cr.

**History Courses (21 credits)**

Choose seven (7) courses from the list below with a maximum of 6 credits in history courses at the 100-level (other than HIST 15100 and HIST 15200) and a minimum of 9 credits in history courses at the 300-level or above.

**World/Non-US History (12 credits)**

Choose at least three credits in each of the following categories (courses may be used to count toward only one category; described category must comprise 50% or more of course content for course to qualify):
1. Pre-1800
2. non-Europe
3. Europe
4. One additional World/Non-US History

Additional US History courses (6 credits)

all above the 100-level

Capstone Course in History (3 credits)

History Practicum or any dedicated seminar or Honors course at the 400 level approved by the Undergraduate Advisor and/or the Department Chair, as involving significant writing in the major, or graduate-level history course (700-level) available with permission to graduating seniors.

Education Courses (27 credits)

SEDFA 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.

SEDFA 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDFA 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

prereq: SEDF 20300, 20400

2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDFA 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.
SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.
3 hrs
3 cr.

SEDC 21500 - Methods I: Classroom Organization, Management, and Instruction in Social Studies, Grades 7-12

Rationales and methodologies for teaching social studies based on current theories of the nature of students, the social sciences and secondary schooling.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr.

SEDC 32500 - Methods II: Teaching Diverse Learners in Social Studies, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in the social studies. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21500
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.
coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

SEDCP 45500 - Student Teaching in Social Studies, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified social studies teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32500
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080
-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200
3

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Africana and Puerto Rican/Latino Studies-BA
Given the interdisciplinarity of the organization of the department, students may elect to concentrate their program of study in the Africana sequence, Puerto Rican/Latino sequence or a combination of both with courses from social sciences and humanities offered by the department.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Africana and Puerto Rican/Latino Studies major, the courses that meet CCCR are:

<table>
<thead>
<tr>
<th>Courses</th>
<th>CUNY Common Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFPRL 10000 Individual and Society (I&amp;S SS)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 10300 Individual and Society (I&amp;S SS)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 10400 Individual and Society (I&amp;S H)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 18100 Individual and Society (I&amp;S SS)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 18200 Individual and Society (I&amp;S SS)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 20100 World Culture and Global Issues (WCGI)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 20200 World Culture and Global Issues (WCGI)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 20500 Individual and Society (I&amp;S SS)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 20900 World Culture and Global Issues (WCGI)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 21000 World Culture and Global Issues (WCGI)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 22200 World Culture and Global Issues (WCGI)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 23800 English Composition (EC)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 24300 World Culture and Global Issues (WCGI)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 26000 Individual and Society (I&amp;S SS)</td>
<td></td>
</tr>
</tbody>
</table>

*Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.*

Courses Required for the Major (30 credits)

6 credits from among

**AFPRL 20100 - African History from Human Origins to 1600 CE**

Hunter Core

World Culture and Global Issues (WCGI)
African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.

3 hrs
3 cr.

**AFPRL 20200 - African History Since 1600 CE**

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/B

Main currents of African history from 1600 CE to present

3 hrs
3 cr.

**AFPRL 20300 - African American History I**

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.

3 hrs
3 cr.

**AFPRL 20400 - African American History II**

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from Reconstruction to the present.

3 hrs
3 cr.

**AFPRL 20900 - Introduction to Caribbean History to 1900**

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history to 1900.

prereq: ENGL 12000
3 hrs
3 cr.

**AFPRL 21000 - Introduction to Caribbean History: 1900 - Present**

Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.

prereq: ENGL 12000
3 hrs
3 cr.

**AFPRL 24100 - Puerto Rican History to 1897**

Pluralism and Diversity
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr.

**AFPRL 24200 - Puerto Rican History Since 1898**

Pluralism and Diversity
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr.

3 credits from

**AFPRL 28100 - Fieldwork in African American/Latino Communities**

Fieldwork involvement and sociopolitical analysis of a community organization in the Black and/or Puerto Rican/Latino communities.
Course open to Majors and Minors Only
3 hrs
3 cr. each

21 credits

- Of which at least 12 must be taken at the 300 and/or 400 level. At least 3 credits must be taken in Puerto Rican/Latino studies if the student’s concentration is in Africana studies and vice versa.

Honors

The honors research course, AFPRL 49900, is open to AFPRL upper seniors who have a 3.5 GPA in the major with a 3.0 GPA overall and have completed at least 24 credits including three AFPRL 300/400 level courses. In order to receive an honors endorsement, a student must receive a final grade of at least B+. Students who do not meet the requirement for an honors endorsement but have passed the course, will receive three credits without honors. The research theme changes every academic year. The project is supervised by one full-time AFPRL faculty member but is read and graded by the supervisor and two additional AFPRL full-time faculty members.

Degree Map

Degree Map for Africana & Puerto Rican / Latino Studies

Anthropology - BA

The anthropology major is designed to give students an overview of the discipline, as well as training in all four fields of the subject (archaeology, cultural anthropology, biological anthropology and anthropological linguistics.) The anthropology major consists of 28 credits [see table below]. In order to graduate with a major in anthropology, students must earn a C grade or better in all required courses and electives counted toward the major.

Hunter Core Requirement

Note: Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the anthropology major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHP 10100 (STEM)</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>ANTHC 10000</td>
<td>US Experience in its Diversity</td>
</tr>
<tr>
<td>ANTHC 10100</td>
<td>Individual and Society (SS)</td>
</tr>
<tr>
<td>ANTHP 10200 (STEM)</td>
<td>Scientific World</td>
</tr>
<tr>
<td>ANTHC 15100</td>
<td>World Culture/Global Issues</td>
</tr>
<tr>
<td>ANTHP 10500</td>
<td>Life and Physical Sciences</td>
</tr>
</tbody>
</table>
Please note that no more than two courses from any one department will count for the CUNY Common Core.

Courses Required for the Major (28 credits)

**ANTHC 10100 - Introduction to Cultural Anthropology**

**Hunter Core**  
Individual and Society (Social Sciences) - I&S SS

**Pluralism and Diversity**  
PD/A  
GER  
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.  
3 hrs  
3 cr.  
offered every sem.

**ANTHP 10100 (STEM) - Human Evolution**

**Hunter Core**  
Life and Physical Sciences (LPS) Scientific World (SW)

**GER**  
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.  
6 hrs (3 hrs lec, 3 hrs lab)  
4 cr.  
offered every sem.

**ANTHC 15100 - Introduction to Linguistics**

**Hunter Core**  
World Cultures and Global Issues (WCGI)

**GER**  
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.  
3 hrs  
3 cr.

**ANTHC 12600 - Introduction to Prehistoric Archaeology**
**Hunter Core**  
World Culture and Global Issues (WCGI)  
GER  
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.  
3 hrs  
3 cr.  
offered every sem.

**ANTHC 31400 - Research Design in Anthropology**

Pluralism and Diversity  
GER 3/B  
Introduction to basic principles of research design employed in anthropology.  
*prereq: ANTHC 10100*  
3 hrs  
3 cr.

**ANTHC 31800 - History of Anthropological Theory**

Pluralism and Diversity  
PD/D  
GER  
3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.  
*prereq: ANTHC 10100 or perm instr.*  
3 hrs  
3 cr.

**Elective courses (9 cr.)**

Selected from the following fields: Cultural Anthropology, Biological Anthropology, Linguistics, Archaeology, Research Design, Anthropological Theory

**Honors Work**

Honors work is possible in each of the major branches of anthropology. The emphasis is on independent student research under the supervision of a faculty member. In order to graduate with departmental honors in anthropology, a student must: (1) have taken at least 2 credits of ANTHC 40000; (2) have a GPA in the major of not less than 3.5 and a cumulative GPA of not less than 2.8 at the time of graduation; and (3) complete a departmental honors form available from the departmental undergraduate adviser.

**ANTHC 40000 Honors Project**

Open to qualified juniors and seniors every semester. Research under supervision of a faculty member. From 2 to 3 credits per semester, depending on the nature of the student's work. May be taken for 1, 2, or 3 semesters for a maximum of 6 credits. To apply, students must (1) present a research plan prepared in conjunction with a faculty
member; (2) have this plan approved by the undergraduate adviser and the department chair; and (3) obtain approval prior to preregistration.

Interdepartmental Fields

Students who want to do work in anthropology as part of an interdepartmental field, such as Africana and Puerto Rican/Latino studies, Latin American and Caribbean studies, religion, urban affairs and planning, or women and gender studies, should refer to descriptions under the department or field of their interest.

Degree Map

Degree Map for Anthropology

Arabic - BA

The major in Arabic offers students the opportunity to engage in linguistic and cultural training focusing on the Arab Middle East, North Africa, and Diaspora through coursework in language, literature, and culture. In addition, students will benefit from the multiple resources for Arab Studies in the New York City area through internships and research. These resources include museums, cultural organizations, and academic centers, institutions, and organizations devoted to the study of the Arab Middle East and North Africa and its people, and Arab communities in the United States. Arabic, one of the six official languages of the United Nations, is the official language of 26 nations and is spoken by over 300 million people worldwide. Additionally, it is a liturgical language for over 1.8 billion Muslims. The Arabic speaking regions of the Middle East and North Africa are among the most significant regions shaping contemporary world politics. From the politics and economics of oil and religious movements, to the dynamics of the Arab uprisings and democratic transformations in the region, this area has played a central role in world history for centuries. The United States has been deeply involved in the region for many decades and plays a central role in current politics there. Graduates of the Arabic Major will have attained advanced linguistic training and will have a deep cultural knowledge that will prepare them for work in governmental and non-governmental organizations, business, human rights, and social services. In addition, graduates of the Arabic Program will have attained a broad array of knowledge and skills that will allow them to pursue advanced studies in a number of academic fields including anthropology, art history, religion, comparative literature, linguistics, history, Middle East Studies, philosophy, political science, and sociology.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Arabic, the courses that meet CCCR are:

ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

_prereq: perm of division head
3 hrs
3 cr.
ARB 15000 - Introduction to Modern Arab Cultures

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D A
This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs
3 cr.

ARB 25000 - The Arab Novel (in translation) (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.
 prereq: ENG 22000 or equiv.
3 hrs
3 cr.

ARB 25100 - Arab Cinema (in translation)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.
 prereq: ENGL 12000 or equivalent
3 hrs
3 credits

ARB 25200 - Literatures from the Islamic World (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

*prereq: ENGL 12000 or equivalent*  
3 hrs  
3 credits

**ARB 25300 - Literatures and Cultures of Muslim Spain (W)**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
Pluralism and Diversity  
PD/A  
GER  
2/C

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.  
*prereq: ENGL 12000 or equivalent*  
3 hrs  
3 credits

**ARB 25400 - The Arabian Nights East and West (W)**

**Hunter Core**  
Creative Expression (CE)  
Pluralism and Diversity  
PD/A  
GER  
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.  
*prereq or coreq: ENGL 12000 or equivalent*  
3 hours  
3 credits

**ARB 25500 - Modern Palestinian Culture**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
Pluralism and Diversity  
PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.  
3 hrs  
3 cr.

**ARB 25600 - Modern Arab Theatre**

**Hunter Core**  
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.
3 hrs
3 cr.

ARB 25700 - Language and Culture in Contemporary North Africa

Pluralism and Diversity
PD/A
GER
World Cultures and Global Issues (WCGI)

North Africa (Maghreb) is often described as a crossroads of many cultures - Arab, Berber, African, European, and others. Over the course of this semester, we will discuss important issues facing this region, including democratic reform efforts both before and following the Arab spring, Berber language movements and other language debates, colonial and post-colonial struggles, and social and cultural debates surrounding gender and religion. Through readings of key literary, historical, political, and cultural texts, as well as viewing important documentary and fictional film productions, we will examine this fascinating region from multiple vantage points.

prereq: ENGL 12000
3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (27-33)

The Arabic Major at Hunter has three key components: A) a core sequence of Language courses, B) a choice of electives in both Arabic and English, and C) a capstone course. The total number of credits is 27-33 credits depending on the level of Arabic a student comes to the program with. The rationale for this curriculum is to prepare students to graduate having reached an Advanced level of proficiency on the ACTFL scale and a deep knowledge of Arab Culture.

A. Core Language Sequence

The major has two basic sequences: one for Heritage Learners and one for non-Heritage learners.

Core Language Sequence for Heritage Learners (15 credits assuming no exemptions):

ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: perm of division head
ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book. The course is not open to students who have taken the ARB 10100-30200 sequence.

_prereq:_ ARB 14800 or Arabic Program head's permission

3 hrs
3 cr.

ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic

_prereq:_ ARB 20200 or equiv.

3 hrs
3 cr.

ARB 30200 - Advanced Arabic II

Continuation of ARB 30100

_prereq:_ ARB 30100 or equiv.

3 hrs
3 cr.

ARB 40100 - Focused Arabic Study for Advanced Students

Pluralism and Diversity
P/D A

A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

_prereq:_ ARB 30200

3 hrs
3 cr.

Core Language Sequence for non-Heritage Learners (21 credits assuming no exemptions)

ARB 10100 - Beginning Arabic I

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and
class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Language Proficiency Requirement

3 hrs
3 cr.

ARB 10200 - Beginning Arabic II

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.
prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs
3 cr.

ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.
prereq: ARB 10200 or equiv.
3 hrs
3 cr.

ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.
prereq: ARB 20100 or equiv.
3 hrs
3 cr.

ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic
prereq: ARB 20200 or equiv.
3 hrs
3 cr.

ARB 30200 - Advanced Arabic II

Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
3 cr.

ARB 40100 - Focused Arabic Study for Advanced Students
Pluralism and Diversity
P/D A
A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

prereq: ARB 30200
3 hrs
3 cr.

B. Electives in both Arabic and English (6 to 9 credits):

**Heritage Learners** will choose, after the required ARB 15000 Introduction to Modern Arab Cultures, two other culture classes in English (chosen from among eight different classes that we currently offer on a regular basis). Heritage Learners will also choose one Arabic elective class (chosen from among four different advanced classes that we offer on a regular basis or our internship class). Both Heritage Learners and Non-Heritage Learners who come in having placed out of some of our core sequence will take a higher number of these electives to reach the 27 credit requirement for the major.

**Non-Heritage Learners** will choose, after the required ARB 15000 Introduction to Modern Arab Cultures, one other culture class in English (chosen from among eight different classes that we currently offer on a regular basis). They will also choose one Arabic elective class (chosen from among four different advanced classes that we offer on a regular basis or our internship class).

C. Arabic Senior Capstone course

The Arabic Senior Capstone course, ARB 49000 (3 credits) is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project (in Arabic). Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival directories; annotated bibliographies; artistic performances whether live or recorded (or both); exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications.

Degree Maps for Arabic

1. Degree Map for Arabic BA (Heritage Learner)
2. Degree Map for Arabic BA (Non-Heritage Learner)

Area of Concentration 4: Labor, Migration and Globalization (WGSL)

- Return to Women and Gender Studies - BA
- 
- Courses with the prefix WGSL denote courses that can be taken under the area of concentration Labor, Migration and Globalization.
  - WGSL 20600 - Gender and Immigration
  - WGSL 20017 Globalization and Gender
  - WGSL 29000 Special Topics in Labor, Migration, and Globalization
  - WGSL 31500 - Work and Society (W)
In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

SOC 31500 Work and Society (W)
ANTHC 32100 Women and Globalization
ECO 34500 Women and Men in the Labor Market
ENGL 32956 – Migration and Immigration in the 20th Century
SOC 32551 – Women and Work

Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

Art History - BA

The Department of Art and Art History offers introductory, intermediate and advanced courses in art history. The major consists of 33 credits. No more than 15 credits transferred from another institution may be applied to the major. The Art History BA is intended for students interested in a liberal arts education in the humanities or students planning to continue their art history studies in a graduate program. A broad range of courses from different fields, rather than specialization in one area, is encouraged. Majors who have completed 3 credits in art history beyond ARTH 11100 are eligible to take the required seminar, Research Methods of Art History ARTH 30000, to be programmed in consultation with an art history adviser. Majors planning graduate study in art history should discuss with an art history adviser the requirements for graduate admission, including graduate language requirements; this should be done during an early semester. Students may declare a double major in Studio Art (24 cr).

Note: At least one class numbered ARTH 31100 (W) - ARTH 38100 (W) must be taken in the major (either to fulfill a distribution area or as a major elective).

Hunter Core Requirement

Note: Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the art history major, the course that meets CCC is:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 11100</td>
<td>Individual and Society (H)</td>
</tr>
</tbody>
</table>

*Please note that no more than two courses from any one department will count for the CUNY Common Core.

Courses Required for the Major (33 credits)

1. Introduction to the History of Art
ARTh 11100 - Introduction to History of Art

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr. cr

2. One course in each of four distribution areas 12 cr.

Distribution areas

1. Ancient and Medieval (including Egyptian, Greek, Roman)
2. Renaissance, Baroque, and 18th century (including Colonial Latin American)
3. Modern: 19th, 20th and 21st century (including Modern Latin America)
4. Islamic, Asian (including Chinese, Japanese, and Indian), and African

Note: Distributions can be met via 20000, 31100-38100 or 41000-48000-level courses. If in doubt consult with an advisor.

3. Required Courses 6 cr.

ARTLA 20100 - Art Foundations: Seeing, Thinking, Making

This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

Material fee: $25.00

4 hrs.
3 cr.

ARTH 30000 - Research Methods of Art History Seminar (W)

GER
3/A

Training in fundamental methods of learning and writing about work of art through visual analysis and arthistorical research, focusing on a particular area in art history, and culminating in a substantial academic research paper. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTh 11100 and one 200-level art history course. Open only to Art History majors and minors and Studio Art majors.

3 hrs
3 cr.
4. At least one Advanced Studies Seminar (41000-48000 level) 3 cr.

(Prerequisite: ARTH 30000 Research Methods) 3 cr.

5. Three additional courses 9 cr.

Students must take 3 additional courses, from any of the department offerings in art history at the 20000, 30000 or 40000 level

Notes:

- At least one class numbered 31100-38100 (W) must be taken in the major (either to fulfill a distribution area or as a major elective). Only grades of C and above can be counted toward the Art History major.
- Three credits in ARTH 40200 Independent Study in Art History -or- ARTH 49800 Internship In service (Internship) may count toward the major and up to 3 three additional credits in ARTH 49800 In service (Internship) may be approved as elective credit toward the BA degree (but not toward the major).
- ARTLA 20100 Art Foundations: Seeing, Thinking, Making, or any studio course taken for the Studio Art 24cr major, cannot count toward both the Studio Art (24cr) major and the Art History major. To replace the ARTLA 20100 requirement, Art History majors double-majoring in Studio Art (24cr) must choose a replacement course in consultation with the Art History adviser. The replacement course may be a Studio Course (ARTCR), an Art History course (ARTH), or a cognate in another department, such as Classics, Religion, or History.

Graduate Study

The Department of Art and Art History offers a number of courses, listed in the Graduate Catalog, that may be credited toward the degree of bachelor of arts. Qualified undergraduate art history students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

Honors

Art History Major students wishing to graduate with honors must consult an adviser to make an official application for consideration by the faculty members on the Undergraduate Art History Committee on Honors. Application forms are in the Art and Art History office, Room 11054 Hunter North. Major credits must have been completed with a 3.7 grade point average, and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Students must submit a research paper written for Research Methods of Art History ARTH 30000 or an Advanced Studies Seminar ARTH 41000-ARTH 48000 with instructor's comments, edits, and grade, to the department's Undergraduate Art History Committee on Honors. The paper must have received a minimum grade of A-. Papers written for other art history courses may be considered if they conform to the requirements for an Advanced Studies Seminar; consult with an adviser. The committee will review the complete application to determine if the student merits departmental honors.

Degree Map for Art History

Degree Map for Art History

**Biological Sciences- BA**
The Department of Biological Sciences offers a single major for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. Students planning to pursue a Biology major are strongly encouraged to declare their major as soon as possible after completing one semester of Principles of Biology.

Declared majors are assigned a permanent faculty adviser who will assist in individual curriculum planning. Students are required to meet with their adviser at least once each semester throughout their undergraduate career to discuss their program and progress.

Biology Concentrations

The major in Biological Sciences has the following concentrations:

- Biological Sciences: Basic concentration
- Behavioral Neurobiology
- Bioinformatics
- Biophysics

CR/NC Policy

Only a letter grade (A, B, C, D, including + or -) will be accepted by the department in the required science and mathematics courses for the biology major.

Opportunities for Undergraduate Research

Undergraduate Research Students who wish to undertake a research project under the supervision of a faculty member must first obtain written permission from that faculty member and then register for BIOL 48000. Research opportunities for undergraduates at Hunter are available in cell and molecular biology, developmental biology, neuroscience, cancer biology, AIDS, microbiology and a variety of other contemporary areas. Students are also permitted to work at one of the several neighboring research institutions. Synopses of faculty research interests can be obtained in the department office or from the Department of Biological Sciences Website [http://Biology.hunter.cuny.edu](http://Biology.hunter.cuny.edu). In addition, there are summer research opportunities available at Cold Spring Harbor Laboratory and Woods Hole Research Center through the Howard Hughes Medical Institute. Please note that, to qualify for departmental honors at graduation, there is a research requirement.

Honors Work

In order to qualify for departmental honors, students must have a departmental GPA of at least 3.5 and an overall GPA of at least 3.0. They must also satisfy a research requirement consisting of either, choose one (a) or (b):

(a) at least 2 research credits of

**BIOL 48000 - Introduction to Experimental Biology**

**GER**
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A
minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.

prereq: BIOL 10000 and 10200, Departmental permission prior to registration.
hrs TBA
1-2 cr. per sem.

BIOL 48100 - Introduction to Experimental Biology

GER
3/B
Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
TBA
1-2 credits per semester

BIOL 48200 - Introduction to Experimental biology

GER
3/B
Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
TBA
1-2 credits per semester

BIOL 48300 - Introduction to Experimental Biology

GER
3/B
Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
hrs TBA
1-2 cr. per sem.

(b) at least one course chosen from among

BIOL 39000 - Laboratory in Cell Structure

GER
3/B
Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.

prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr.
fall only

BIOL 39100 - Laboratory in Cell Structure -- Biological Electron Microscopy

The students will learn basic concepts of transmission electron microscope, principles of biological sample preparation for transmission electron microscopy, various electron microscopy applications, to be familiar with the morphology of different organelles inside the mammalian cell, and understand the functions of each organelle. Lab projects involve: (1) perfusion fixation of mouse tissues; (2) routine transmission electron microscopy sample preparation; (3) techniques and tools used for microtomy; (4) transmission electron microscope alignment; and (5) imaging various cellular ultra-structures using a transmission electron microscope.

prereq or coreq: Instructor Permission
7 hrs.
4 cr.
spring only

Additional Information

The research requirement includes a written report resulting from work in any of these courses.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

MA Program in Biological Sciences

See Career Planning-Graduate Study.

Biological Sciences: Basic concentration - BA

Return to: Biological Sciences- BA

The basic major is for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. Students planning to pursue the biology major are strongly encouraged to declare their major as soon as possible. Declared majors are assigned a permanent faculty advisor who will assist in individual curriculum planning. Students are required to meet with their advisor at least once each semester throughout their undergraduate career to discuss their program and progress.

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Biology major: Basic Concentration, the courses that meet CCCR are:

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
- Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
- PD/C or D
- GER
- 2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
*spring only*

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**
- Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**
- PD/C or D
- GER
- 2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN*

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
*fall only*

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Major (67-83 credits)**
This major consists of 9 credits of introductory biology (BIOL 10000 (STEM)-BIOL 10200 (STEM)) and a 24.5-credit concentration in biology at the 20000-level and higher. The biology concentration consists of a 13.5-credit core—BIOL 20300, BIOL 30000, BIOL 30300—and 11 credits of electives. Together, introductory biology and the concentration (33.5 credits) satisfy the major requirement for certification as a teacher of biology in grades 7-12. Additional science and math requirements for Major I are listed below.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Math Sequence (3-17 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

*Not open to students who have taken MATH 12500 or MATH 12550.*

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.*

4 hrs

4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**prereq:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs

1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning

**GER**

1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs

4 cr.

A. Introductory Biology (9 credits)

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**

2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

**spring only**

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**
PD/C or D

**GER**
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

Prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
Fall only

B. 200-level and higher Concentration in Biology and Additional Courses
(55-57 credits)

1. Required Courses (44-46 credits)

**BIOL 20300 - Molecular Biology and Genetics**

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

Prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
Coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
Spring only

**BIOL 30000 - Biological Chemistry**

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
Prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
Fall only

**BIOL 30300 - Cell Biology**
This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing an integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, including mechanisms for transport and intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5. Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
Spring only

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400

6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206

3 hrs
2.5 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

GER
2/E
First semester of two-semester introductory physics course using algebra.

**preq: MATH 12400 or 12500 or 12550 or 15000 or 15500**

7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

-or-

**PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

**Hunter Core**

Scientific World (SW) Life and Physical Sciences (LPS)

GER

2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

**preq or coreq: coreq (with perm dept.): MATH 15000**

8 hrs (4 lec, 3 lab, 1 rec)

5.5 cr.

*These courses may be counted for credit in more than one program.

2. Electives (11 credits)

Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, at least one special-topics course must be taken (BIOL 47000 or BIOL 47100 or BIOL 79000; various topics offered each semester) in addition to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major (e.g. BIOL 12000, BIOL 12200 and BIOL 23000). Please read the course descriptions carefully to identify those courses. If you have any questions about which courses can be used as major electives, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits are taken as a BIOL 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course. Laboratory research credits can also be obtained from BIOL 61000. Together, introductory biology and the concentration (64.5 credits) satisfy the major requirement for certification as a teacher of biology in grades 7-12.

**Note(s)**

*We recommend that math, physics and chemistry courses be completed as early as the student's schedule allows. Note that CHEM 22200 and CHEM 22300 must be taken prior to BIOL 30000; otherwise, instructor permission is required. Students who are behind in the chemistry sequence are urged to take advantage of the summer session, during which these chemistry courses are usually offered.

**Degree Map for Biological Sciences: Basic Concentration**

Degree Map for Biology: Basic Concentration
Biological Sciences: Concentration in Behavioral Neurobiology- BA

Return to: Biological Sciences- BA

The concentration in Behavioral Neurobiology within the Department of Biological Sciences, one of the options for Major I, has the following required courses and schedule.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Courses Required for the Major (72.5-90.5 credits)

Math Sequence (0-13 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*  
4 hrs (2 lec, 2 lab)  
3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*  
2 hrs  
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

Hunter Core  
Math/Quantitative Reasoning (MQR)  
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in
trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

**Other Required Courses (63.5-64.5 credits)**

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**Pluralism and Diversity**
PD/C or D
**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 20000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.
Material Fee: $10

prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

**BIOL 30300 - Cell Biology**

This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5. Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.
CHEM 10600 (STEM) - General Chemistry Laboratory

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.

**prereq:** CHEM 10200

**coreq:** CHEM 10400

6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

**GER**
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**prereq:** CHEM 10400 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22400 - Organic Chemistry Lecture II

**GER**
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**prereq:** CHEM 22200 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**GER**
2/E

First semester of two-semester introductory physics course using algebra.

**prereq:** MATH 12400 or 12500 or 12550 or 15000 or 15500

7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.

PSYCH 25000 - Experimental Psychology: General

GER
3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000, but not both.)

prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
6 hrs (2 lec, 4 lab)
4 cr.

PSYCH 24800 - Statistical Methods in Psychological Research

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the
previous curriculum need not fulfill the science prerequisite.)

prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12400 or 12500 or 12550 or STAT 11300 with a C or better, or appropriate score on math placement exam

prereq or coreq: ENGL 12000

4 hrs

4 cr.

**BIOL 47000 - Special Topics in Biology**

**GER**

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

prereq: BIOL 30000

2 hrs (lec)

2 cr. per sem.

**Electives**

9 credits, 6 of which must be PSYCH

**PSYCH 30100 - Sensation and Perception**

**GER**

3/B

Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

prereq: ENGL 12000, PSYCH 24900 OR 25000, PSYCH 22400

3 hrs

3 cr.

**PSYCH 30900 - Behavioral Neuroendocrinology**

**Pluralism and Diversity**

PD/C

**GER**

3/B

An overview of how behavior is influenced by differential hormone action and how hormones influence the development and expression of sexually dimorphic behaviors. While a biology background is not required, this course will be a biology-based discussion of behavioral endocrinology.

prereq: ENGL 12000, PSYCH 24900 or 25000 and PSYCH 22400

3 hrs

3 cr.

**PSYCH 32700 - Motivation and Emotion**
The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

*prereq: ENGL 12000, PSYCH 24900 -or- 25000; and PSYCH 22400
3 hrs
3 cr.*

**PSYCH 36900 - Behavioral Pharmacology**

**GER**
3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.

*prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 30000 or perm instr. and PSYCH 22400
3 hrs
3 cr.*

**BIOL 37000 - Physiology of the Nervous System**

**GER**
3/B

A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.

*prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr.
spring only*

**BIOL 37600 - Endocrinology**

**GER**
3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.

*prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only*

**BIOL 38000 - Molecular Neurobiology**
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.

prereq: BIOL 30000 or perm instr.

3 lec hrs
3 cr.
fall only

* These courses may be counted for credit in more than one program.

Degree Map for Biological Sciences: Behavioral Neurobiology

Degree Map for Biological Sciences: Behavioral Neurobiology BA

Biological Sciences: Concentration in Bioinformatics - BA

Return to: Biological Sciences- BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Courses Required for the Major (66-86 credits)

Math Sequence (0-17 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.
prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs
4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**

Math/Quantitative Reasoning

GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**

Math/Quantitative Reasoning

GER
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs
4 cr.

Other Required Courses (58-60 credits)

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the
concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv. CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 30300 - Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5. Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

BIOL 42500 - Computational Molecular Biology

GER
3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of *in silico* biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

*prereq:* BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

3 hrs
3 cr.

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq:* MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)

**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq:* CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)

4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**

**GER 2/E**

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

*prereq:* CHEM 10200

*coreq:* CHEM 10400
6 hrs
3 cr.

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**  
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 10400 with a grade of C or better*  
5-6 hrs (4 lec, 1-2 recitation/workshop)  
4 cr.

**CHEM 22400 - Organic Chemistry Lecture II**

**GER**  
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better*  
5-6 hrs (4 lec, 1-2 recitation/workshop)  
4 cr.

**CSCI 13200 - Practical UNIX and Programming, with Lab**

**Hunter Core**  
Scientific World (SW)  
**GER**  
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.  
This course cannot be counted towards the CSCI major.  
*prereq: none*  
3 hrs  
3 cr.

**CSCI 23200 - Relational Databases and SQL Programming, with Lab**

**GER**  
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.  
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.  
*prereq: CSCI 12700 or CSCI 13200*
PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

*These courses may be counted for credit in more than one program.
**BIOL 10200 (STEM) prerequisite is waived

Electives (8 -9 credits)

ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr.

CHEM 33300 - Computational Drug Discovery

Computational exercises and literature analyses of drug-macromolecule interactions, computer-assisted drug design, metabolic engineering, and personalized medicine.
prereq: CHEM 37600 or BIOL 30000 or permission of the instructor
3 hrs
3 cr.
offered spring
STAT 31900 - Bayesian Statistical Inference in the Sciences

GER
3/B


prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.

Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs
3 cr

BIOL 37500 - Molecular Evolution

GER
3/B

An overview of the various methods and kinds of data used in systematics, the study of organism diversity and biological relationships. Emphasis is on modern molecular and genetic approaches to identification of individual species and strains and full phylogenetic analyses of suites of species to determine their evolutionary history. The knowledge base is provided for experimental investigation of questions of current interest in phylogeny and population biology.

prereq: BIOL 30000 or perm instr.

3 hrs
3 cr.

BIOL 47000 - Special Topics in Biology

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

prereq: BIOL 30000

2 hrs (lec)
2 cr. per sem.

*Special Topics course BIOL 47083 Bioinformatics Workshop, 3 cr.

BIOL 47100 - Special Topics in Biology

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

prereq: BIOL 30000

3 hrs (lec)
3 cr. per sem.
BIOL 48000 - Introduction to Experimental Biology

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.

prereq: BIOL 10000 and 10200, Departmental permission prior to registration.
hrs TBA
1-2 cr. per sem.

*These courses may be counted for credit in more than one program.
**BIOL 10200 pre-requisite is waived

Degree Map for Biological Sciences: Bioinformatics BA

Degree Map for Biological Sciences: Bioinformatics BA

Biological Sciences: Concentration in Biophysics - BA

Return to: Biological Sciences- BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 12500</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>MATH 15000</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>MATH 15500</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>BIOL 10000</td>
<td>Scientific World/Life and Physical Sciences</td>
</tr>
<tr>
<td>BIOL 10200</td>
<td>Scientific World/Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 10200</td>
<td>Scientific World/Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 10400</td>
<td>Scientific World/Life and Physical Sciences</td>
</tr>
</tbody>
</table>
CHEM 10600 (STEM)  Scientific World/Life and Physical Sciences

PHYS 11100 (STEM)  Scientific World/Life and Physical Sciences

PHYS 12100 (STEM)  Scientific World/Life and Physical Sciences

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Courses Required for the Major (68.5-88 credits)

Math Sequence (5-18 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

*Hunter Core*

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

*Note: This course is equivalent to MATH12500 for grade replacement purposes.*

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.*

*Not open to students who have taken MATH 12500 or MATH 12550.*

4 hrs

4 cr.
MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.
prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

Other Required Courses (64.5-67 credits)

BIOL 10000 (STEM) - Principles of Biology I
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only
CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr.

PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws.
prereq: PHYS 12000 or 12100; MATH 25000
PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of macromolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.

_prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600._

4 hrs
4 cr.

Electives (any 2)

BIOL 39000 - Laboratory in Cell Structure

GER 3/B

Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.

_prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr._

7 hrs (2 lecture, 5 lab)
4.5 cr.
fall only

BIOL 47000 - Special Topics in Biology

GER 3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

_prereq: BIOL 30000_

2 hrs (lec)
2 cr. per sem.

MATH 25400 - Ordinary Differential Equations

GER 3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

_prereq: MATH 25000_

3 hrs
3 cr.

* Note: These courses may be counted for credit in more than one program.
Degree Map for Biological Sciences: Biophysics BA

Chemistry BA

Major

There are two chemistry majors: Major I, a 43-credit concentration in addition to an 11-credit general chemistry core, is designed to prepare the students with intensive training for professional research and graduate study. Major II consists of three options: Option 1 for students interested in the chemical industry; Option 2 (the biochemistry option) for students interested in the pharmaceutical industry, medicine, dentistry, veterinary medicine or physical therapy; Option 3 (bioinformatics option) for students interested in graduate studies in biochemistry and bioinformatics as well as pharmaceutical and biotechnology industry. Major II includes a minimum concentration of 28 credits (option 1), 29 credits (option 2), and 23.5 credits (option 3) in 200-level and above chemistry courses, in addition to an 11-credit general chemistry core. Options 1-3 are all appropriate for students pursuing teacher education programs.

Students considering a chemistry major should consult the departmental adviser during their first semester to plan the proper sequence of courses, and they are urged to consult with the adviser at least once each succeeding semester. A year of General Chemistry and the accompanying General Chemistry Laboratory are prerequisites for admission to both Major I and Major II.

- Chemistry Major I - BA
- Chemistry Major II - BA

Honors Work

Opportunity for an individual research experience is provided by an honors course

CHEM 49101 - Introduction to Research

Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to provide students with the opportunity to demonstrate proficiency in scientific research through the design, development, and presentation of an original, independent and substantive research question, as well as through data collection and analysis. A written thesis and oral presentation are required to fulfill the presentation component of the course. Mandatory participation in thesis committee meetings are essential to the development of a well written thesis. In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29101 or CHEM 29102
Course is repeatable
Fulfills part of the requirement for departmental honors.

prereq: Department Consent Required
4 hrs
1 cr.

CHEM 49102 - Introduction to Research
Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to provide students with the opportunity to demonstrate proficiency in scientific research through the design, development, and presentation of an original, independent and substantive research question, as well as through data collection and analysis. A written thesis and oral presentation are required to fulfill the presentation component of the course. Mandatory participation in thesis committee meetings are essential to the development of a well written thesis. In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29101 or CHEM 29102
Course is repeatable
Fulfills part of the requirement for departmental honors.

prereq: Department Consent Required
8 hrs
2 cr.

Electives

Advanced lecture courses in special areas of chemistry, and lab courses providing training in inorganic and organic chemistry and in research techniques, are offered as electives for Major I and are open to students enrolled in Major II who have fulfilled the course prerequisites.

Graduate Study

Qualified chemistry majors may be admitted to 700-level courses in the graduate program. Permission of the department is required.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Chemistry Major I - BA

Return to: Programs of Study

Return to: Chemistry BA

The requirements for this major consist of a minimum of 54 credits in chemistry. This major is recommended for students preparing for admission to graduate school or for careers in chemical research. It will also be useful to students seeking a position in the chemical or allied industries, as it is accredited by the Committee on Professional Training of the American Chemical Society.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path
to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019

In the case of the Chemistry Major I, the courses that meet CCCR are:

<table>
<thead>
<tr>
<th>Courses</th>
<th>CUNY Common Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 12500</td>
<td>Math &amp; Quantitative Reasoning</td>
</tr>
<tr>
<td>CHEM 10200 (STEM)</td>
<td>Scientific World</td>
</tr>
<tr>
<td>CHEM 10400 (STEM)</td>
<td>Scientific World</td>
</tr>
<tr>
<td>CHEM 10600 (STEM)</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 11100 (STEM)</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 11200 (STEM)</td>
<td>Scientific World</td>
</tr>
</tbody>
</table>

Courses Required for the Chemistry Major I (80-96 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Introductory Math Sequence (0-9 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)
3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

**prereq:** MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.

*Not open to students who have taken MATH 12500 or MATH 12550.*

4 hrs

4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**prereq:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs

1 cr.

**Chemistry Courses**

Choose one introductory sequence (11 credits)

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**

Scientific World (SW); Life and Physical Sciences (LPS)

**GER**

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

**prereq or coreq:** MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)

4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**

Life and Physical Sciences (LPS) Scientific World (SW)

**GER**

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
**Pluralism and Diversity**  
GER 2/E  
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.  
Primarily for pre-med, medical laboratory sciences and science majors.  
**prereq:** CHEM 10200  
**coreq:** CHEM 10400  
6 hrs  
3 cr.

**CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry**

**Hunter Core**  
Life and Physical Sciences (LPS) Scientific World (SW)  
**GER**  
2/E  
The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.  
Primarily for pre-med, medical laboratory sciences and science majors.  
**prereq:** CHEM 11100  
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)  
5.5  
offered spring

**Required Chemistry Courses (42-45 credits)**

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**  
GER 3/B  
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.  
**prereq:** CHEM 10400 with a grade of C or better  
5-6 hrs (4 lec, 1-2 recitation/workshop)  
4 cr.

**CHEM 22300 - Organic Chemistry Laboratory I**

**GER**  
3/B
Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register

**CHEM 22400 - Organic Chemistry Lecture II**

**GER**
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.*

**CHEM 22500 - Organic Chemistry Laboratory II**

**GER**
3/B

Continuation of CHEM 22300.

*prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

**CHEM 24900 - Quantitative Analysis**

**GER**
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

*prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.
fall

**CHEM 34900 - Instrumental Analysis**
Pluralism and Diversity
GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

prereq: CHEM 35400 or 35600 with grade of C or better with 35500
8 hrs (2 lec, 6 lab)
5 cr
offered spring

CHEM 35200 - Physical Chemistry I

GER
3/B
Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

prereq: CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better
3 hrs
3 cr.
offered fall

CHEM 35400 - Physical Chemistry II - F

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.

prereq: CHEM 35200, MATH 25000
3 hrs
3 cr.
offered fall

CHEM 35600 - Physical Chemistry II

GER
GER 3/B
Selected topics from quantum chemistry, molecular structure, and spectroscopy.

prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better
3 hrs
3 cr.
offered spring

CHEM 35500 - Physical Chemistry Laboratory I

GER
3/B
Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
CHEM 24900
CHEM 24900
3 hrs
1.5 cr.
offered fall

CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

prereq: CHEM 24900 or perm chair

prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring

CHEM 36600 - Inorganic Chemistry

GER
GER 3/B
Treatment of structure, bonding and reactivity of inorganic compounds.

prereq: CHEM 35200 with grade of C or better
3 hrs
3 cr.
offered fall

CHEM 37600 - Biochemistry I

GER
3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

One further laboratory course must be chosen from (research), (honors research) or the following

CHEM 29102 - Chemical Investigations

Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis. In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000. Course is repeatable.

prereq: CHEM 22400, perm chair
8 hrs
2 cr.

In addition, one additional lecture course must be chosen from among the following:

CHEM 32200 - Organic Chemistry Lecture III

GER
3/B
Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.

prereq: Chem 22404 with a grade of C or better OR Chem 22406 with a grade of C or better
3 hrs
3 cr.
offered fall

CHEM 35400 - Physical Chemistry II - F

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.

prereq: CHEM 35200, MATH 25000
3 hrs
3 cr.
offered fall

CHEM 35600 - Physical Chemistry II

GER
GER 3/B
Selected topics from quantum chemistry, molecular structure, and spectroscopy.

prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better
3 hrs
3 cr.
offered spring

CHEM 37700 - Biochemistry II
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

*prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better*

3 hrs
3 cr.

Also acceptable for completion of Major I are

**PHYS 33000 - Atomic and Nuclear Physics**

Examines experimental evidence and develops modern view of structure of atom and nucleus.

*prereq: PHYS 12000 or 12100*

*prereq or coreq: MATH 25000*

4 hrs
4 cr.

Note: Students should be aware, however, that if either of the philosophy courses is used to complete the Major I requirements, the major will not be eligible for accreditation by the American Chemical Society.

Physics and Math Requirement (26-28 credits)

One year of physics, and four semesters of mathematics, are also required for this major.

**PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

*Hunter Core*
Scientific World (SW) Life and Physical Sciences (LPS)

*GER*
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

*prereq or coreq: coreq (with perm dept.): MATH 15000*

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

*Hunter Core*
Scientific World (SW); Life and Physical Sciences (LPS)

*GER*
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

*prereq: PHYS 11000 or 11100*

*prereq or coreq: (with perm dept.): MATH 15500*
MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. 
 prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates. 
 prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. 
 prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. 
 prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

MATH 25400 - Ordinary Differential Equations
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

**prereq:** MATH 25000

*These courses may be counted for credit in more than one program.

**Additional Information**

CHEM 24900, MATH 15000 (STEM) and MATH 15500 (STEM), and PHYS 12100 (STEM) are prerequisites for CHEM 35200 and should be completed by the end of the sophomore year.

Major I is required of all students who wish to be considered for certification by the American Chemical Society upon graduation. It is recommended for all students intending to enter the profession of chemistry through either graduate study or employment in industry or government. Students who can attend only in the evenings should consult the department adviser regarding the feasibility of completing Chemistry Major I.

**Degree Map for Chemistry Major I**

**Chemistry Major II - BA**

Major II offers three options. Option 1 is for students interested in the chemical industry. Option 2 is for students preparing for admission to medical, dental or veterinary schools or who are interested in the pharmaceutical industry. Option 3 is for students interested in biochemistry or bioinformatics. See details below.

**Chemistry Major II Options**

- Chemistry Major II: Chemistry Option 1
- Chemistry Major II: Biochemistry Option 2
- Chemistry Major II: Bioinformatics Option 3

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Chemistry Major II, the courses that meet CCCR are:
Courses Required for the Chemistry Major II

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students who are exempt from MATH 10100 and MATH 12500 (STEM) do not have to make up the credits.

Chemistry Major II - Chemistry Option 1

Courses Required for the Major (62-73 credits)

For students interested in a career in the chemical industry. It consists of a minimum of 28 credits in chemistry above the introductory level and an 11-credit general chemistry core for a minimum total of 39 credits of chemistry. One year of physics and three semesters of calculus are also required.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students who are exempt from MATH 10100/MATH 101EN, MATH 10150, MATH 12400 (STEM)/MATH 12500 (STEM)/MATH 12550 (STEM) and MATH 14000 do not have to make up the credits.

Required Chemistry Courses (39-41 cr.)

Choose One General Chemistry Sequence (11 cr.)

CHEM 10200 (STEM) - General Chemistry I
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200
*coreq: CHEM 10400
6 hrs
3 cr.

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.

Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
Organic Chemistry (13 cr.)

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

_prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

_prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

Additional Required Courses (12 cr.)

CHEM 24900 - Quantitative Analysis

GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

_prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.
fall

CHEM 35200 - Physical Chemistry I

GER
3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.
CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better
3 hrs
3 cr.
offered fall

CHEM 35400 - Physical Chemistry II - F

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.

prereq: CHEM 35200, MATH 25000
3 hrs
3 cr.
offered fall

CHEM 35500 - Physical Chemistry Laboratory I

GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.

prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr.
offered fall

CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

prereq: CHEM 24900 or perm chair

prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring

Required Elective Course (3-5 cr.)

• Any chemistry course at the 300 level or above excluding CHEM 49101

Required Math Courses (12-22 cr.)

MATH 10100 - Algebra for College Students
Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs

4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs

1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**

Math/Quantitative Reasoning

GER

1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. 
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.
prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

Required Physics Courses (11 cr.)

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

*Note: These courses may be counted for credit in more than one program.

Degree Map for Chemistry Major II Option 1

Chemistry Major II: Biochemistry Option 2

Courses Required for the Major (66-75 credits)

For students preparing for admission to medical, dental, veterinary schools or physical therapy programs, or for students interested in a career in the pharmaceutical industry. It consists of a minimum of 29 credits above the introductory level and an 11-credit general chemistry core for a minimum total of 40 credits of chemistry. One year of physics, one year of biology and one year of calculus are also required. Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students who are exempt from MATH 10100/MATH 101EN, MATH 10150, MATH 12400 (STEM)/MATH 12500 (STEM)/MATH 12550 (STEM) and MATH 14000 do not have to make up the credits.

Required Chemistry courses (40 cr.)

Choose One General Chemistry Sequence (11 cr.)

CHEM 10200 (STEM) - General Chemistry I
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

GER 2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics. Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
Organic Chemistry (13 cr.)

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
*prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
*coreq: CHEM 22301
*prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500 - Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.

*prereq: CHEM 22300
*prereq or coreq: CHEM 22400
Additional Required Chemistry Courses (13 cr.)

**CHEM 35000 - Biophysical Chemistry**

**Pluralism and Diversity**  
GER 3/B  
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.  
\[ \text{prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better} \]  
5 hrs (4 lec, 1 rec)  
4 cr.

**CHEM 37600 - Biochemistry I**

**GER**  
3/B  
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.  
\[ \text{prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better} \]  
4 hrs (3 lec, 1 rec)  
3 cr.

**CHEM 37700 - Biochemistry II**

**GER**  
3/B  
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.  
\[ \text{prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better} \]  
3 hrs  
3 cr.

**CHEM 37800 - Biochemistry Laboratory (W)**

**GER**  
3/B  
A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.  
\[ \text{prereq: ENGL 12000, CHEM 22500 with grade of C or better} \]  
\[ \text{prereq or coreq: CHEM 37700 or CHEM 64100} \]  
5 hrs (4 lab, 1 rec)  
3 cr.
Required Elective Course (3 cr.)

Any chemistry course at the 300 level or above excluding CHEM 34900 Instrumental Analysis and CHEM 49101 Introduction to Research. Also acceptable CHEM 24900 Quantitative Analysis

Required Biology courses (9 cr.)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
PD/C or D

GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only

Required Math Courses (8-17 cr.)

MATH 10100 - Algebra for College Students
Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

**prereq:** MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**
Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

**prereq:** MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs

4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**prereq:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs

1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning

GER

1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.  
4 hrs  
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.  
prereq: grade of C or better in MATH 15000  
4 hrs  
4 cr.

Required Physics Courses (9 cr.)

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.  
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500  
7 hrs (3 lec, 3 lab, 1 rec)  
4.5 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.  
prereq: PHYS 11000 or 11100  
7 hrs (3 lec, 3 lab, 1 rec)  
4.5 cr.

*Note: These courses may be counted for credit in more than one program.

Degree Map for Chemistry Major II Option 2
Degree Map for Chemistry Major II -Option 2

Chemistry Major II: Bioinformatics Option 3

Courses Required for the Major (72.5-81.5 credits)

For students interested in graduate studies in biochemistry and bioinformatics as well as the pharmaceutical and biotechnology industry. In order to enroll in this Option, students must earn an average grade of B- or above in CHEM 10400 (STEM), CHEM 22200, BIOL 10000 (STEM) and MATH 15000 (STEM). In addition, no more than one C grade is allowed in these four courses to declare Option 3. This option consists of a minimum of 23.5 credits above the introductory level and an 11-credit general chemistry core for a minimum total of 34.5 credits of chemistry. Three semesters of biology, one year of physics, one year of computer science, one year of calculus, and one semester of statistics are also required.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students who are exempt from MATH 10100/MATH 101EN, MATH 10150, MATH 12400 (STEM)/MATH 12500 (STEM)/MATH 12550 (STEM) and MATH 14000 do not have to make up the credits.

Required Chemistry Courses (34.5 cr.)

Choose One General Chemistry Sequence (11 cr.)

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

**prereq:** CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

**prereq:** CHEM 10200
**coreq:** CHEM 10400
6 hrs
3 cr.

**CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)

**GER**
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.

**prereq:** CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

**Organic Chemistry (10.5 cr.)**

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**prereq:** CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

**CHEM 22300 - Organic Chemistry Laboratory I**
Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy. 

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously. 

Note: Students must register 

prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200 

coreq: CHEM 22301 

prereq or coreq: CHEM 22204 OR CHEM 22206 

3 hrs

2.5 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

Additional Required Chemistry Courses (13 cr.)

CHEM 35000 - Biophysical Chemistry

Pluralism and Diversity

GER 3/B

Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.

prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better

5 hrs (4 lec, 1 rec)

4 cr

CHEM 37600 - Biochemistry I

GER

3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better

4 hrs (3 lec, 1 rec)

3 cr.

CHEM 37700 - Biochemistry II
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs
3 cr.

CHEM 33300 - Computational Drug Discovery

Computational exercises and literature analyses of drug-macromolecule interactions, computer-assisted drug design, metabolic engineering, and personalized medicine.
prereq: CHEM 37600 or BIOL 30000 or permission of the instructor
3 hrs
3 cr.
offered spring

Required Biology Courses (12 cr.)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 42500 - Computational Molecular Biology

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.
Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

Required Mathematics and Statistics Courses (11-20 cr.)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 101EN - Algebra for College Students - Enhanced

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.
prereq: Department Permission
6 hrs
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary
statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates. 

**prereq:** grade of C or better in MATH 15000

4 hrs

4 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs

3 cr.

**Required Physics Courses (9 cr.)**

**PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**GER**
2/E

First semester of two-semester introductory physics course using algebra.

**prereq:** MATH 12400 or 12500 or 12550 or 15000 or 15500

7 hrs (3 lec, 3 lab, 1 rec)

4.5 cr.

**PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

**prereq:** PHYS 11000 or 11100

7 hrs (3 lec, 3 lab, 1 rec)

4.5 cr.
Required Computer Science Courses (6 cr.)

**CSCI 13200 - Practical UNIX and Programming, with Lab**

**Hunter Core**  
Scientific World (SW)  
GER  
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.  
This course cannot be counted towards the CSCI major.  
*prereq: none*  
3 hrs  
3 cr.

**CSCI 23200 - Relational Databases and SQL Programming, with Lab**

GER  
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.  
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.  
*prereq: CSCI 12700 or CSCI 13200*  
3 hrs  
3 cr.

*Note: These courses may be counted for credit in more than one program.*

Degree Map for Chemistry Major II Option 3

Degree Map for Chemistry Major II Option 3 Bioinformatics BA

**Childhood Education, Grades 1-6 - BA**

The **Childhood Education, Grades 1-6 (QUEST)** undergraduate teacher education program prepares students to become New York State certified teachers of childhood education. This program is committed to the preparation of urban elementary school teachers who can deal effectively with the wide range of diverse learning needs found among the City's students. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools. This is a 42-45 credit program in which students have an option to complete the course of study over four or six semesters.

Declaring the Major
Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. 30 credits in liberal arts and sciences (Students may apply to QUEST if the total of their completed credits plus credits in which they are currently enrolled is at least 30 credits.)
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Declaration of an appropriate liberal arts and sciences major.
5. Participation in a group interview.

Liberal Arts & Sciences Major Requirement

All students in School of Education programs must also declare a major in the School of Arts & Sciences. This major must lead to a BA degree.

See the School of Arts & Sciences for more information on major options.

Academic Progress Standards

- Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.
- Students must receive grades of C or better in Childhood Education courses that do not include fieldwork. QUEST fieldwork courses require a grade of B or better. All QUEST courses are repeatable once by students who have received a grade of D in a non-fieldwork course or a grade below B in a fieldwork course. Students must officially re-register for these courses. Students who receive an F in any course may not continue in the program. Students who receive an F or D in fieldwork may not continue in the program.
- In order to register for QSTA 40680 - Mathematics Teaching and Learning in Elementary School, students must have completed MATH 10400 (STEM) and MATH 10500. If progress through the QUEST program would be delayed by the requirement for MATH 10500 as a prerequisite, then the program coordinator may allow students to enroll in QSTA 40680 after completing MATH 10400 (STEM) and registering for MATH 10500.

Course of Study

Academic Plan: CHILDED-BA

Credits: 42-45
MATH 10400 (STEM) - Mathematics for Elementary Education I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.

*prereq: grade of C or better in MATH 10100 or MATH 101EN or appropriate score on the placement exam
3 hrs
3 cr.

MATH 10500 - Mathematics for Elementary Education II

GER
1/B

Continuation of MATH 10400. Continuation of the content of the mathematics recommended by the NCTM for prospective elementary school teachers, including probability, statistics, plane and transformational geometry, congruence and similarity.

*prereq: grade of C or better in MATH 10400
3 hrs
3 cr.

HEDP 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.

HED changed to HEDP - effective Spring 2018 -
*coreq: QSTAP 40080
3 hrs
3 cr.

QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.
3 hrs
3 cr.
QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

coreq: QSTB 20280, QSTP 30000
prereq or coreq: QSTA 40080
2 hrs
2 cr.

QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.

coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr.

QSTP 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.

*Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.*

coreq: QSTAP 40180, QSTB 20280
prereq or coreq: QSTAP 40080, HEDP 31400
75 hrs
1 cr.

QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
coreq: QSTA 41280, QSTP 30100
2 hrs
2 cr.

QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
coreq: QSTA 41080, QSTP 30100
2 hrs
2 cr.

QSTP 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.

Please note that effective spring 2018 QSTAP will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 40180, QSTB 20280, QSTP 30000
coreq: QSTAP 41080, 41280
75 hrs
1 cr.

QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement.
Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: MATH 10400, 10500, QSTA 41080, 41280, QSTP 30000  
coreq: QSTB 41380, QSTP 30200  
2 hrs  
2 cr.

**QSTB 41380 - Psychology of Teaching and Learning**

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.

prereq: QSTA 41000, 41200, QSTAB 30100  
coreq: QSTA 40600, QSTF 30200  
2 hrs  
2 cr.

**QSTP 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning**

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 41080, 41280, QSTP 30100  
coreq: QSTAP 40680, QSTB 41380  
75 hrs  
1 cr.

**QSTA 40780 - The Arts: An Interdisciplinary Learning Experience**

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000  
3 hrs  
3 cr.
SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080
-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200
3
3

QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co requisite student teaching in science.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40680, 41080, 41280, QSTP 30100
coreq: QSTAP 41580
2 hrs
2 cr.

QSTAP 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.
prereq: QSTAP 40680, 40780, QSTB 41380, QSTP 30200, HED 31400  
coreq: QSTAP 41480  
2 per week of seminar plus student teaching  
4 cr.

Six-Semester Track

Semester 1

HEDP 31400 Health Education for the Classroom Teacher  
QSTA 40080 The Art of Effective Teaching  
MATH 10400 (STEM) - Mathematics for Elementary Education I (or its prerequisite, if required: MATH 10100 or MATH 101EN)

Semester 2

QSTA 40180 Developmental Reading  
QSTB 20280 Child Growth and Development  
QSTP 30000 Fieldwork I: Fieldwork for Child Development and Developmental Reading  
MATH 10500 - Mathematics for Elementary Education II (or MATH 10400 if not yet taken)

Semester 3

QSTA 41080 Literacy Across the Content Areas  
QSTA 41280 Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools  
QSTP 30100 Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools  
MATH 10500 - Mathematics for Elementary Education II (if not yet taken)

Semester 4

QSTB 41380 Psychology of Teaching and Learning  
QSTA 40680 Mathematics Teaching and Learning in Elementary School  
QSTP 30200 Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Semester 5
QSTA 40780 The Arts: An Interdisciplinary Learning Experience
QSTB 40380 Social Foundations of Urban Education
SPED 30800 Teaching Students with Special Needs in Inclusive Settings

Semester 6
QSTA 41480 Teaching Science in Elementary Schools
QSTAP 41580 Student Teaching

Four-Semester Track

Semester 1
HEDP 31400 Health Education for the Classroom Teacher
QSTA 40080 The Art of Effective Teaching
QSTA 40180 Developmental Reading
QSTB 20280 Child Growth and Development
QSTP 30000 Fieldwork I: Fieldwork for Child Development and Developmental Reading
MATH 10400 (STEM) - Mathematics for Elementary Education I (or its prerequisite, if required: MATH 10100 or MATH 101EN)

Semester 2
QSTB 40380 Social Foundations of Urban Education
QSTA 40080 The Art of Effective Teaching
QSTA 40180 Developmental Reading
QSTB 20280 Child Growth and Development
QSTP 30000 Fieldwork I: Fieldwork for Child Development and Developmental Reading
MATH 10500 - Mathematics for Elementary Education II (or MATH 104 if not yet taken)

Semester 3
QSTA 40780 The Arts: An Interdisciplinary Learning Experience
SPED 30800 Teaching Students with Special Needs in Inclusive Settings
QSTB 41380 Psychology of Teaching and Learning
QSTA 40680 Mathematics Teaching and Learning in Elementary School
QSTP 30200 Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning
MATH 10500 - Mathematics for Elementary Education II (if not yet taken)

**Semester 4**

QSTA 41480 Teaching Science in Elementary Schools
QSTAP 41580 Student Teaching

**School of Education Exit Standards**

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

**Chinese - BA**

The major in Chinese offers students the opportunity to develop Chinese language proficiency, explore Chinese classical and modern literature, delve into Chinese culture and history, and develop skills in Chinese-English translation and interpretation. In addition, undergraduate students have the option to apply to join the Chinese Flagship program (a federally-funded honors program) that provides scholarships for study abroad in China or Taiwan. Graduates of the Chinese Major will have attained advanced to superior language proficiency and will have deep cultural knowledge that will prepare them for careers in the global workforce. Hunter Chinese alumni have been pursuing careers in both public and private sectors, and have gone on to advanced study in law, international studies, translation, education, and many other areas where Chinese language skills and cultural knowledge are appreciated.

Hunter students benefit from their proximity to the rich cultural resources of the Chinese communities in New York City, and many gain professional experience through internships offered by global organizations, businesses, and government agencies headquartered in New York City.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Track 1: Chinese Language and Literature (24-30 cr.)**

The track in Chinese Language and Literature consists of 24-30 credits chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level. Courses must be taken in the sequence described
below. Students who are exempt from language courses at the 200-level or above must make up their credits using other CHIN courses.

**CHIN 10100 - Elementary Chinese I**

Beginning course in Mandarin. CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.
offered fall

**CHIN 10200 - Elementary Chinese II**

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

**CHIN 20100 - Intermediate Chinese I**

Reading of literature in *baihua* (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.  
*prereq: CHIN 10200 or equiv.*

3 hrs
3 cr.
offered fall

**CHIN 20200 - Intermediate Chinese II**

Continued reading of literature in *baihua*.  
*prereq: CHIN 20100 or equiv.*

3 hrs
3 cr.
offered spring

**CHIN 30100 - Journalistic Chinese Literature I**

Intensive reading of literature and essays written in journalistic style.  
*prereq: CHIN 20200 or equiv.*

3 hrs
3 cr.
offered fall

**CHIN 30200 - Journalistic Chinese Literature II**

Intensive reading and translation of literature written in journalistic style.  
*prereq: CHIN 30100 or equiv.*

3 hrs
CHIN 30300 - Classical Chinese Literature I

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 30400 - Classical Chinese Literature II

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.
prereq: CHIN 303 or equiv.
3 hrs
3 cr.
offered spring

CHIN 30700 - Classical Chinese Poetry

Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
prereq: CHIN 30400 or equiv.
3 hrs
3 cr.

CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.
prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr.

Track 2: Chinese Translation and Interpretation (24-30 cr.)

The track in Chinese Translation and Interpretation consists of 24-30 credits: for students with interest in acquiring training in Chinese translation in a variety of professional fields. Requirements for the concentration in Chinese translation include 24-30 credits chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level. Courses must be taken in the sequence described below. Students who are exempt from language courses at the 200-level or above must make up their credits using other CHIN courses.

Chinese language (12-18 credits):

CHIN 10100 - Elementary Chinese I

Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

**CHIN 10200 - Elementary Chinese II**

Beginning course in Mandarin.

3 hrs
3 cr.
offered fall

**CHIN 20100 - Intermediate Chinese I**

Reading of literature in *baihua* (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.

*prereq: CHIN 10200 or equiv.*

3 hrs
3 cr.
offered spring

**CHIN 20200 - Intermediate Chinese II**

Continued reading of literature in *baihua*.

*prereq: CHIN 20100 or equiv.*

3 hrs
3 cr.
offered spring

**CHIN 30100 - Journalistic Chinese Literature I**

Intensive reading of literature and essays written in journalistic style.

*prereq: CHIN 20200 or equiv.*

3 hrs
3 cr.
offered fall

**CHIN 30200 - Journalistic Chinese Literature II**

Intensive reading and translation of literature written in journalistic style.

*prereq: CHIN 30100 or equiv.*

3 hrs
3 cr.
offered spring

**CHIN 30300 - Classical Chinese Literature I**

Intensive study of literature written in *wenyan* or classical style, with attention to basic structures of literary styles.

*prereq: CHIN 20200 or equiv.*

3 hrs
CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.

**prereq:** CHIN 30200 or equiv, perm chair

3 hrs

3 cr.

-and-

Chinese and English Translation and Interpretation (12-18 credits):

RUSS 21500 - Translating Culture: Introduction to Theory and Practice of Translation

Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in 20th century. Designed for students interested in translation in any language.

**prereq:** ENGL 12000

3 hrs

3 cr.

CHIN 31600 - Introduction to Business Translation (Chinese – English)

This course introduces a broad scope of language support services pertaining to the business environment, specifically, to a variety of written documents and face-to-face verbal situations that call for translation between Chinese and English—from official stationery, daily correspondences, and meetings to press releases, press conferences, advertising copies, product manuals, and trade events. Students will learn to analyze source documents in real world indicators of the project in question: the client (commissioner of the work), targeted audience, purpose of document, and context of use; students will practice handling documents as an in-house language support staff, providing sight or summary translation, or general interpreting between Chinese and English in the context of business meetings. Through class discussions and practice, principles and approaches will emerge from a survey of key industry drivers of Chinese/English translation in real estate development, tourism, entertainment, digital gaming, and the art market.

**prereq:** CHIN 20200

3 hrs

3 cr.

CHIN 31700 - Community Interpreting and Sight Translation, Chinese – English

This course provides a foundational skill-based grounding for the community interpreter who orally translates between English and Mandarin Chinese in both directions. This course will facilitate interpreting practice in a wide array of public, community, and commercial settings—from the adoption interview, real-estate closing, and arbitration proceedings to the pre-trial deposition and parent-teacher conference; the course will also emphasize sight translation, the oral translation of written texts, as a fundamental skill in community interpreting. As part of an experiential learning approach, students will role play and constitute their own “scenarios,” practice self- and peer-assessment, and learn the multi-faceted process of interpreting, including note-taking, listening, voice production, the use of verbal and non-verbal cues, memory training, and paralinguistic applications. The course will survey the role of community interpreting in the US context addressing key sectors including healthcare, public education, social services, and the criminal justice and court system.
CHIN 31800 - Intercultural and Interlingual Discourse in Chinese & English

This course addresses the structural and cultural aspects of language use with focus on dual-language communication involving Chinese and English. Interlingually, the course will explore given structural differences between Chinese and English, including aspects of speech habits (phonology), word-formation (morphology), vocabulary (lexicon), phraseology, and sentence structure (syntax); interculturally, the course will examine how dual-language speakers (and translators) negotiate and shape Chinese and English in the dynamic of time-and-place communication, including the navigation of different discourse styles, conventions governing idiom, coherence, or logic, and assumptions about gender relations, and power and status that determine who speaks when, who gets interrupted, and how rhetoric and voice are expressed in code switching and mixing between Chinese and English. In identifying rule-governed variance and strategies used to mediate differences in communication, students will also develop an articulate understanding of how the two languages function in their separate and yet intertwined evolution.

prereq: CHIN 20200
3 hrs
3 cr.

CHIN 40200 - Independent Study in Chinese Literature

Independent study and research in Chinese literature under supervision of a faculty member.
For majors only.
prereq: CHIN 40100, perm chair
3 hrs
3 cr.

Track 3: Chinese Flagship (42-48 cr.)

The track in Chinese Flagship consists of 42 credits and is intended for students accepted into the Chinese Flagship program. The track consists of 42-48 credits at Hunter chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level, plus 18 credits taken in China or Taiwan. Courses must be taken in the sequence described below. Students who are exempt from language courses at the 200-level or above must make up their credits using other CHIN courses.

Chinese language (24-30 credits):

CHIN 10100 - Elementary Chinese I

Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall
CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

CHIN 20100 - Intermediate Chinese I

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.

prereq: CHIN 10200 or equiv.

3 hrs
3 cr.
offered fall

CHIN 20200 - Intermediate Chinese II

Continued reading of literature in baihua.

prereq: CHIN 20100 or equiv.

3 hrs
3 cr.
offered spring

CHIN 30100 - Journalistic Chinese Literature I

Intensive reading of literature and essays written in journalistic style.

prereq: CHIN 20200 or equiv.

3 hrs
3 cr.
offered fall

CHIN 30200 - Journalistic Chinese Literature II

Intensive reading and translation of literature written in journalistic style.

prereq: CHIN 30100 or equiv.

3 hrs
3 cr.
offered spring

CHIN 30300 - Classical Chinese Literature I

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.

prereq: CHIN 20200 or equiv.

3 hrs
3 cr.
offered fall

CHIN 30400 - Classical Chinese Literature II
Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.

*prereq: CHIN 303 or equiv.*

3 hrs

3 cr.

offered spring

**CHIN 30700 - Classical Chinese Poetry**

*Pluralism and Diversity*

PD/A

Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.

*prereq: CHIN 30400 or equiv.*

3 hrs

3 cr.

**CHIN 40100 - Advanced Studies in Chinese Literature**

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.

*prereq: CHIN 30200 or equiv, perm chair*

3 hrs

3 cr.

-and-

**Capstone year study abroad (18 credits):**

- CHIN 40105 - Intercultural Communication in Greater China (3)
- CHIN 40106 - Media in Contemporary Chinese Societies (3)
- CHIN 40108 - Domain Research in Chinese (3)
- CHIN 40114 - Chinese for Professional Purposes (3)
- CHIN 49806 - In-Service Internship (6)

**Teacher Education Pathway**

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

**Advanced Placement and Exemptions**

Students who elect to take Chinese as their required language and have studied the language abroad or at home must consult the head of the Chinese Division for advanced placement or exemptions. The Chinese program does not offer proficiency tests.

**Electives**

All courses, unless otherwise stated in course descriptions, are open to qualified students majoring in other disciplines.

**Chinese: Other Courses**
Language Courses

CHIN 10100 - Elementary Chinese I
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

CHIN 10200 - Elementary Chinese II
Beginning course in Mandarin.
3 hrs
3 cr.
offered spring

CHIN 10500 - Chinese Writing System and Calligraphy I
Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.
3 hours
3 credits
offered fall

CHIN 10600 - Chinese Writing System and Calligraphy II
Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.
prereq: CHIN 10500 or equivalent
3 hours
3 credits
offered spring

CHIN 30600 - 20th-century Chinese Literature
Pluralism and Diversity
PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.

CHIN 39900 - Second Language Acquisition
A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
Chinese Culture and Literature in Translation

**CHIN 11100 - Chinese Culture I**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**Pluralism and Diversity**  
GER 2/C  

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.  

3 hrs  
3 cr.

**CHIN 11200 - Chinese Culture II**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**Pluralism and Diversity**  
GER 2/C PD/A  

Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.  

3 hrs  
3 cr.

**CHIN 21100 - Topics in Chinese Culture**

Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.  

3 hrs  
3 cr.

**CHIN 25100 - Topics in Chinese Literature in English Translation (W)**

**Hunter Core**  
Individual and Society (Humanities) -I&S H  
**Pluralism and Diversity**  
GER 2/C  

Including 20th-century literature, contemporary literature.  
prereq: ENGL 12000  

3 hrs  
3 cr.

**CHIN 35500 - Classical Chinese Fiction in English Translation (W)**

**Pluralism and Diversity**  
PD/A  
GER  
3/A
Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.

_prereq: ENGL 12000
_3 hrs
_3 cr._

**CHIN 35700 - Chinese Poetry in English Translation (W)**

Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.

_prereq: ENGL 12000
_3 hrs
_3 cr._

**Degree Map for Chinese Language and Literature**

Degree Map for Chinese

**Classical Archaeology (Interdepartmental) - BA**

Return to Classical and Oriental Studies

**Hunter Core Requirement**

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of Classical Archaeology, the course that meets CCCR is:

- CLARC 20400 World Culture and Global Issues (WCGI)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Major Requirements - 36 credits**

12 credits from the following courses:

**CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)**
**Hunter Core**  
World Culture and Global Issues (WCGI)  
**GER**  
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**CLARC 22000 - Aegean Archaeology (W)**

Pluralism and Diversity  
**PD/D**  
**GER**  
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.  
*prereq: ENGL 12000, CLARC 20400*  
3 hrs  
3 cr.

**CLARC 22100 - Greek Archaeology (W)**

Pluralism and Diversity  
**PD/D**  
**GER**  
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.  
*prereq: ENGL 12000; CLARC 20400*  
3 hrs  
3 cr.

**CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)**

Pluralism and Diversity  
**PD/D**  
**GER**  
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.  
*prereq: ENGL 12000; CLARC 20300 -or- CLARC 20400*  
3 hrs  
3 cr.  
*fall only*  
-or-

**CLARC 22300 - Roman Archaeology II: The Archaeology of the Roman Empire**
The Mediterranean world under the Roman Empire: capital city of Rome and the provinces; architecture, painting, sculpture, Pompeii and daily life.

 prerequisites: ENGL 12000; CLARC 20300 or CLARC 20400
3 hrs
3 cr.

A corequisite of 12 credits of Greek or Latin*

*These courses may be counted for credit in more than one program.

• A total of 12 credits from the following Interdepartmental Course Pool:

**CLARC 32100 - Archaeology of Egypt (W)**

- Pluralism and Diversity
- PD/A
- GER
- 3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.

 prerequisites: ENGL 12000, CLARC 20400
3 hrs
3 cr.

**CLARC 32400 - Archaeology of Western Mediterranean**

Ancient Sicily, Sardinia, Malta, Spain, and Italy, chiefly in Bronze Age. Main sites and cultures.

 prerequisites: ENGL 12000, CLARC 20400
3 hrs
3 cr.

**CLARC 32500 - Archaeology of Eastern Mediterranean (W)**

- Pluralism and Diversity
- PD/A
- GER
- 3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.

 prerequisites: ENGL 12000, CLARC 20400
3 hrs
3 cr.

**CLARC 32200 - Archaeology of Mesopotamia and Iran (W)**

- Pluralism and Diversity
- PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary.

prereq: ENGL 12000; CLARC 20400 and one other CLARC course
3 hrs
3 cr.

CLARC 23000 - Field Seminar in Archaeology

Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school. Open only to majors who have completed ENGL 12000 and CLARC 20400.

prereq: ENGL 12000, CLARC 20400. Open to majors only; with permission of dept.
1-6 hrs
1-6 cr.

CLARC 32600 - Hellenistic Archaeology (W)

The Mediterranean world from Alexander the Great through the rise of Rome; trends in architecture, sculpture, painting, mosaics and city planning, reflecting the period's history and philosophies (ca. 350 – 31 BCE). Focuses on the sites of Alexandria, Pergamon, Delos, Athens, Rome.

prereq: ENGL 12000 and CLARC 20400
3 hrs
3 cr.

CLARC 32800 - Theory and Methods in Classical Archaeology (W)
Archaeology as a comprehensive discipline of historical inquiry through analysis of material culture, as studied in the Mediterranean basin and the Ancient Near East. This course includes fieldwork strategies, survey, stratigraphic excavation, ceramic and numismatic analysis, artifact and data processing and documentation, management and protection of cultural heritage.

*prereq: ENGL 12000 and CLARC 20400*

3 hrs

3 cr.

**CLA 49100 - Honors in Classics**

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

*prereq: ENGL 12000, perm dept.*

3 hrs

3 cr.

**Honors in Classics (Archaeology) tutorials are open only to majors**

- and -

**ANTHC 12600 - Introduction to Prehistoric Archaeology**

**Hunter Core**

World Culture and Global Issues (WCGI)

**GER**

2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs

3 cr.

offered every sem.

**ANTHC 12700 - Methods In Archaeological Science**

**Hunter Core**

SW

Introduction to theory and method of scientific research in archaeology.

*prereq: ANTHC 12600 or perm instr.*

3 hrs

3 cr.

**ANTHC 22600 - Archaeology of Africa**

**Pluralism and Diversity**

PD/A

**GER**

3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies.

*prereq: ANTHC 12600 or perm instr.*
ANTHC 22700 - Archaeology of Europe

Pluralism and Diversity
PD/D
GER
3/B

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.

 prerequisites: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 22800 - Archaeology of the Near East to 2000 BC

Pluralism and Diversity
PD/A
GER
3/B

Sociocultural development of Near East from early hunter-gatherers to first states and empires.

 prerequisites: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23100 - Archaeology of Mesoamerica

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.

 prerequisites: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.

 prerequisites: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 42600 - Seminar in Archaeological Field Methods
Pluralism and Diversity
See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

Degree Map for Classical Archaeology

Degree Map for Classical Archaeology

Classical Studies - BA

Return to Classical and Oriental Studies

Hunter Core Requirement

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019 Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement. In the case of Classical Studies, the courses that meet CCCR are:

CLA 20100 - Greek Civilization (W)

Hunter Core

World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.

prereq: ENGL 12000
3 hrs
3 cr.

CLA 20300 - Roman Civilization (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.
prereq: ENGL 12000
3 hrs
3 cr.

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr.

CLA 25000 - Greek and Roman Tragedy (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
GER
2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25100 - Ancient Comedy (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
GER
2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.
prereq: ENGL 12000
3 hrs
3 cr.
CLA 25300 - Homer and Vergil (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

Courses Required for the Major (24 credits)

12 credits of Greek or 12 credits of Latin, including

GRK 10100 - Beginning Ancient Greek 1

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

GRK 10200 - Beginning Ancient Greek 2

Elementary course in grammar, syntax and morphology of Ancient Greek.

prereq: GRK 10100
3 hrs
3 cr.
offered spring

LAT 10200 - Beginning Latin 2

3 hrs.
3 cr.
offered spring

12 credits of Classics courses given in English (with a CLA or a CLARC prefix), including two courses at the 300 level

Note: CLA 10100 and CLA 11000 do not count toward the major.

Honors and Tutorials
Departmental honors in classics and tutorials are open only to majors.

Note: Can serve as one of the 3-credit CLA elective courses.

**CLA 49100 - Honors in Classics**

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.  
*prereq: ENGL 12000, perm dept.*  
3 hrs  
3 cr.

**Courses in Classical Studies**

**CLA 10100 - Classical Mythology**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/D  
GER  
2/C  

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.  
3 hrs  
3 cr.

**CLA 11000 - The Greek and Latin Roots of English**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
GER  
2/C  

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.  
3 hrs  
3 cr.

**CLA 20100 - Greek Civilization (W)**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/D  
GER  
2/C  

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.  
*prereq: ENGL 12000*
CLARC 20200 - Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.

prereq: ENGL 12000; CLA 20100 or CLARC 20400

CLARC 20300 - Roman Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.

prereq: ENGL 12000

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

prereq: ENGL 12000

CLARC 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.

prereq: ENGL 12000, CLARC 20400
CLARC 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLARC 20400
3 hrs
3 cr.

CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity
PD/D
GER
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLARC 20300 -or- CLARC 20400
3 hrs
3 cr.
fall only

CLARC 32100 - Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.
prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32500 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.
CLA 24000 - Topics in Classics

Examination of specific areas of classical culture, such as literature, language, or numismatics.

*prereq: ENGL 120*

3 hrs

3 cr.

CLA 25000 - Greek and Roman Tragedy (W)

**Hunter Core**
Individual and Society (Humanities) -I&S H

**Pluralism and Diversity**
PD/D

GER

2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.

*prereq: ENGL 12000 recom: CLA 10100*

3 hrs

3 cr.

CLA 25100 - Ancient Comedy (W)

**Hunter Core**
Individual and Society (Humanities) -I&S H

**Pluralism and Diversity**
PD/D

GER

2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.

*prereq: ENGL 12000*

3 hrs

3 cr.

CLA 25300 - Homer and Vergil (W)

**Hunter Core**
Individual and Society (Humanities) -I&S H

**Pluralism and Diversity**
PD/D

GER

2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.

*prereq: ENGL 12000 recom: CLA 10100*
CLA 25400 - The Ancient Novel in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.
prereq: ENGL 22000 or perm instr.
3 hrs
3 cr.

CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

Pluralism and Diversity
PD/D
GER
3/A

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr.

CLA 30300 - Religion of Ancient Greece (W)

Pluralism and Diversity
GER 3/A

The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.
prereq: ENGL 12000, CLA 10100 or 20100
3 hrs
3 cr.

CLA 30400 - Pagans and Christians (W)

Pluralism and Diversity
PD/D
GER
3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLA 30500 - Women and Slaves in Classical Antiquity (W)
Pluralism and Diversity
PD/C or D
GER
GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.

*cross-listed* WGSC 30500 (W)

*prereq:* ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

**CLA 30600 - Special Studies in Ancient Greek Culture**

Examination of specific areas of Greek life. Topics vary from year to year.

*prereq:* ENGL 12000
3 hrs
3 cr.

**CLA 30700 - Special Studies in Ancient Roman Culture**

Examination of specific areas of Roman life. Topics vary from year to year.

*prereq:* ENGL 12000
3 hrs
3 cr.

**CLA 30800 - Magic and Science in the Ancient World (W)**

GER
3/A

The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.

*prereq:* ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

**CLA 31000 - Ancient Sports and Spectacles (W)**

Pluralism and Diversity
PD/D
GER
3/A

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.

*prereq:* ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.
CLARC 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

_prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

_prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary.

_prereq: ENGL 12000; CLARC 20400 and one other CLARC course
3 hrs
3 cr.

CLARC 23000 - Field Seminar in Archaeology

Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school. Open only to majors who have completed ENGL 12000 and CLARC 20400.

_prereq: ENGL 12000, CLARC 20400. Open to majors only; with permission of dept.
1-6 hrs
1-6 cr.

CLA 42100 - Independent Study in Classics

Open to majors only.
_prereq: ENGL 12000, perm dept.
1-3 cr.

CLA 49100 - Honors in Classics
Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

*prereq: ENGL 12000, perm dept.*

3 hrs

3 cr.

**CLA 49800 - Internship**

*prereq: ENGL 12000, perm dept.*

1-6 cr.

**Degree Map**

Degree Map for Classical Studies

**Comparative Literature - BA**

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

**Course**

CUNY Common Core

ENGL 22000 English Composition (EC)

**Courses Required for the Major (33 credits)**

All majors take a core course in methodology, but the remaining classes in a student's program are arranged with the coordinator in an effort to work out a balance between two different bodies of literature, two different literary periods, and two different genres. In addition to comparative literature courses in prose fiction, drama, myth and folklore, literary movements, and literature and the arts, majors may also elect appropriate classes from other literature departments, as well as from such disciplines as history, philosophy, art and anthropology, with the approval of the coordinator. Upon becoming a major, a student will, in consultation with the coordinator, choose one member of the comparative literature committee as an adviser and plan an individualized program. All majors are required to review their programs with their adviser once a semester.

The comparative literature major consists of 33 credits distributed as follows:

**A. ENGL 22000**

ENGL 22000 - Introduction to Writing about Literature (W)

**B. Concentration in at least two periods and in two genres.**
C. At least 9 credits in COMP-prefixed courses, beginning with the following

(all of these courses will be taught in English)

**COMPL 30100 - Seminar: Approaches to Comparative Literature**

Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary. Required of all majors in comparative literature.

*3 hrs
3 cr.*

D. 21 credits in literature courses

distributed so that at least 12 credits are courses studied in the original language (be it a foreign language, if the student is proficient in that language, or English). Courses at the 300 level are strongly preferred, although exceptions may be granted by the adviser.

**Honors**

Students are eligible for departmental honors if their GPA in the major is no less than 3.5. The student must also take at least 3 credits (but no more than 6 credits) in honors courses offered by the program and approved by the adviser. The offerings of the Comparative Literature Program are determined by the needs of students in the program and the faculty available. For specific information, consult the coordinator.

**Degree Map for Comparative Literature**

Degree Map for Comparative Literature

**Computer Science - BA**

Return to: Programs of Study

Return to: Computer Science BA Programs

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Computer Science, the course that meets CCCR is:

**CSCI 12700 - Introduction to Computer Science (STEM)**

**Hunter Core**
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (40-64 credits)

The computer science major consists of 40-50 credits in CSCI courses and 0-13 credits in MATH/STAT courses.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Students may obtain Credit by Examination for CSCI 12700, CSCI 13500 and CSCI 15000. See the Computer Science department for details.

Please note that the department of Computer Science does not accept Cr/NC grades in courses required for the Major. All computer science majors (except those following requirements for the Computer Science with Concentration in Bioinformatics - BA) must complete successfully the following courses with a grade of C or better:

Required Math Courses (0-13 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.
prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry
Hunter Core
Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs 4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs 1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs 4 cr.

Computer Science Requirements (28-39 credits)

CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is
strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

CSCI 13500 - Software Analysis and Design I

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

prereq: CSCI 12700 or equivalent and; MATH 12400, or 12500, or 15000, or 15200, or 15500.
5 hrs (3 hours lecture, 2 hours recitation)
4 cr.

CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

CSCI 16000 - Computer Architecture I

GER
3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B
Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

CSCI 23500 - Software Analysis and Design II

GER
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.

prereq: CSCI 13500, 15000; MATH 15000

3 hrs
3 cr.

CSCI 26000 - Computer Architecture II

GER
3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.

prereq: CSCI 13500, 16000 or 24500; MATH 15000

3 hrs
3 cr.

CSCI 26500 - Computer Theory I

GER
3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

prereq: CSCI 16000 or 14500; MATH 15000

3 hrs
3 cr.

CSCI 33500 - Software Analysis and Design III

GER
3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

prereq: CSCI 23500, MATH 15000

3 hrs
3 cr.
CSCI 34000 - Operating Systems

GER
3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.

prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300

3 hrs
3 cr.

CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages.

prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.

4 hrs
4 cr.

Electives (12 credits)

*These courses may be counted for credit in more than one program.

Honors

To graduate from Hunter College with honors in computer science, a student must have at least a 2.7 GPA overall and a 3.5 GPA or better in computer science/math and a grade of A in one of the CSCI 49300 series of courses.

Additional Information

The Computer Science Department will not accept a CR grade in any of the preliminary or required courses for the major (CSCI 13500, CSCI 15000, CSCI 16000, CSCI 23500, CSCI 26000, CSCI 26500, CSCI 33500, CSCI 34000, CSCI 36000). Any student wishing to declare computer science as a major who has received a grade of CR in any of the CSCI courses listed above, must ask the instructor of that course to change the CR grade to the appropriate letter grade. This must be done before the declaration of major form can be authorized.

Please note: A grade of “D” is not considered a passing grade by this department for any of the computer science or math courses required for the major.

Degree Map

Degree Map for Computer Science

Computer Science BA Programs

Return to: Programs of Study

The Department of Computer Science offers two major programs:
The BA in Computer Science

Provides a broad base in the design, implementation and application of computer software systems; a firm grasp of the essentials of computer architecture; and a solid foundation in the theoretical aspects of computer science;

Prepares undergraduates for life after graduation in careers in business, government, and the computer industry or in the pursuit of graduate studies, and;

Exposes students to the excitement and challenge of computing technologies and theory through a variety of advanced topics courses and close participation with faculty in cutting-edge research.

The BA in Computer Science with a Concentration in Bioinformatics

In addition to the core objectives cited above, provides a fundamental understanding of the most important aspects of quantitative and computational biology, including a solid background in biology, chemistry, mathematics, statistics and computer science, with an emphasis on quantitative reasoning.

Computer Science with Concentration in Bioinformatics - BA

This course of study will provide computer science majors with a fundamental understanding of the most important aspects of quantitative and computational biology, including a solid background in biology, chemistry, mathematics, statistics, and computer science, with an emphasis on quantitative reasoning. Students opting to concentrate in bioinformatics are not required to take CSCI 26000, and CSCI 36000. Instead of 15 credits of 300-level and 400-level electives, the following requirements must be met:

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Computer Science, the course that meets CCCR is: CSCI 12700 (Scientific World). Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (57-85 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students may obtain Credit by Examination for CSCI 12700, CSCI 13500 and CSCI 15000. See Computer Science department for details. Please note that the department of Computer Science does not accept Cr/NC grades in courses required for the Major.
I. Introductory Math Courses (0-9 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

**prereq:** appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

**prereq:** MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

**prereq:** MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs

4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**prereq:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs

1 cr.

Introductory Computer Science Courses (0-7 credits)
CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through ‘coding’: computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

CSCI 13500 - Software Analysis and Design I

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

prereq: CSCI 12700 or equivalent and; MATH 12400, or 12500, or 12550, or 15000, or 15200, or 15500.
5 hrs (3 hours lecture, 2 hours recitation)
4 cr.

II. Students must obtain a grade of C or better in the following courses:

A. Computer science component (21-25 credits)

CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

CSCI 16000 - Computer Architecture I

GER
3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr.

CSCI 23500 - Software Analysis and Design II
GER
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.

*prereq: CSCI 13500, 15000; MATH 15000
3 hrs
3 cr.

CSCI 26500 - Computer Theory I

GER
3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

*prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr.

CSCI 33500 - Software Analysis and Design III

GER
3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

*prereq: CSCI 23500, MATH 15500
3 hrs
3 cr.

CSCI 34000 - Operating Systems

GER
3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.

*prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr.

CSCI 43500 - Database Management

GER
3/B

Hierarchical and network databases; theory of relational databases; normalization theory; query languages.

*prereq: CSCI 33500
3 hrs
3 cr.
CSCI 49369 - Big Data Technology

The increasing availability of big data has changed fundamental practices in business, health care, policy making, and scientific research. The primary objective of this course is to enable students to efficiently process, manage, reformulate, and mine an extremely large data set. This is an interdisciplinary course that considers data from many different sources. Students are welcome to work with their own interested domains in addition to the required ones.

prereq: CSCI 13500 and CSCI 23200 or CSCI43500, or permission of the instructor
3 hrs
3 cr.

B. Math and statistics component (9-17 credits)

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics
Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

STAT 31900 - Bayesian Statistical Inference in the Sciences

GER
3/B


prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
3 cr

C. Biology component (12 credits)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 20300 - Molecular Biology and Genetics
This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100) 
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

**BIOL 42500 - Computational Molecular Biology**

**GER**

3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of *in silico* biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

**D. Chemistry component (15 credits)**

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**

Scientific World (SW); Life and Physical Sciences (LPS)

**GER**

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**

Life and Physical Sciences (LPS) Scientific World (SW)
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

*These courses may be counted for credit in more than one program.

**Degree Map**

Degree Map for Computer Science: Bioinformatics

**Concentration in Creative Writing (42 credits)**

Return to Programs and Courses in English

The concentration in Creative Writing is designed to provide students with an informed appreciation of the depth and breadth of literature written in English, as well as the opportunity to develop their own interests and skills in creative writing. Students concentrating in Creative Writing take ENGL 22000 Introduction to Writing about Literature (W) and ENGL 25200 Introduction to Literary Studies, five required courses in literature, at least four creative writing workshops and three electives.
Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses CUNY Common Core

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

A. Introductory Courses (6 cr)

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core

English Comp (EC)

GER

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

ENGL 25200 - Introduction to Literary Studies

GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.

- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

B. Survey Courses in Literature (6 credits)
ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

C. Requirements in Literature and Theory, Linguistics, or Rhetoric (9 credits)

1. One course from

ENGL 31700 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

prereq: ENGL 22000
ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B

Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

Prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

Prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

Prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

Prereq: ENGL 22000
3 hrs
3 cr.

2. One course in Literary Theory, Linguistics, or Rhetoric, from
ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

prereq: ENGL 22000
3 hrs
3 cr

• ENGL 33200 - History of the English Language (W)
• ENGL 33300 - Topics in Language and Linguistics

ENGL 34000 - History of Rhetoric

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34200 - Topics in Rhetoric

GER
3/A
Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.

\textit{prereq: ENGL 22000
3 hrs
3 cr.}

\textbf{ENGL 34600 - Discourse Analysis}

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

\textit{prereq: ENGL 22000
3 hrs
3 cr}

\textbf{ENGL 34700 - Language and Ethnicity}

\textbf{Pluralism and Diversity
PD/B
GER
3/A}

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

\textit{prereq: ENGL 22000
3 hrs
3 cr}

\textbf{ENGL 34800 - English Across the World}

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.

\textit{prereq: ENGL 22000
3 hrs
3 cr}

3. One course in literature, linguistics, or rhetoric before 1800, from

\textbf{ENGL 33200 - History of the English Language (W)}
The diversity and spread of English across the globe. The effects of language contact on English.

**ENGL 33400 - Beowulf and Other Early Texts**

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 33500 - Chaucer**

**Pluralism and Diversity**

PD/D

GER

3/A

Study of Chaucer, with emphasis on The Canterbury Tales.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 33600 - Medieval Literature (1100-1500)**

GER

3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 33700 - Literary Aspects of Folklore**

GER

3/A

Studies of folktales, ballads and legends in their relationship to written literature.

*prereq: ENGL 22000*

3 hrs
3 cr.

- ENGL 34000 - History of Rhetoric

**ENGL 35000 - Renaissance Drama**
Pluralism and Diversity
GER 3/A
A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A
Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A
A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A
Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A
Study of works from second half of Shakespeare's career.
ENGL 35500 - Topics in Shakespeare (W)

GER
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr

ENGL 36000 - The 17th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36100 - Milton

Pluralism and Diversity
PD/D
GER
3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36200 - English Drama of Restoration and 18th Century
Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 36400 - The Age of Satire

Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36500 - The Later 18th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36800 - The 18th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A
A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.

**ENGL 36900 - The 19th Century English Novel**

*Pluralism and Diversity*
*PD/D*
*GER*
*3/A*

Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.

**ENGL 37100 - Topics in Romantic Literature**

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

**ENGL 37200 - Romantic Poetry**

*Pluralism and Diversity*
*PD/D*
*GER*
*3/A*

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.

**ENGL 38200 - Topics in Medieval Literature**

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.
ENGL 38300 - Topics in Renaissance Literature

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38400 - Topics in Restoration and 18th Century Literature

GER
3/A

Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr.

Some courses under the following number (depending on the topic; check department listings)

ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.

cross-listed WGS 31900
prereq: ENGL 22000
3 hrs
3 cr.

• ENGL 32100 - Topics in African American Literature
• ENGL 32200 - Topics in Gender and Sexuality in Literature
• ENGL 32400 - Topics in Native American Literature
• ENGL 32900 - Topics in Cross-Cultural Literature in English (W)
• ENGL 33300 - Topics in Language and Linguistics
• ENGL 34200 – Topics in Rhetoric
• ENGL 34700 - Language and Ethnicity
• ENGL 36600 – Topics in Literary Theory and Criticism

ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A
Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.

**ENGL 38700 - Topics in British and/or Irish Fiction**

**GER**  
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.

May be repeated once for credit with a different topic.

**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature**

**GER**  
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.

**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 38900 - One Major Writer (W)**

**Pluralism and Diversity**  
PD/C or D  
**GER**  
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 39100 - Topics in British and/ or Irish Poetry**

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme

**prereq:** ENGL 22000
ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39400 - World Literature: Drama

GER
3/A

Selected plays, classical, medieval and modern, including dramatic criticism.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.

prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr.

ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.

prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr.
ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.

D. Required Writing Courses (12 credits)

1. ENGL 28500 Introduction to Creative Writing (and pass it with a grade of B or higher).

2. Students must then take 3 more creative writing workshops from the following, at least one of which must be a level-II workshop.

Note: Students may repeat level-II workshops once for credit. Students may not take a Level-II Workshop without first taking the Level-I Workshop in that genre. Students may not take ENGL 48400 without first taking a Level-II Workshop in that genre.

ENGL 30800 - Workshop in Non-Fiction I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.
prereq: ENGL 30000
3 hrs
3 cr.

ENGL 30900 - Workshop in Non-Fiction II

GER
3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.

This course may be repeated once for credit.
prereq: ENGL 30000 and 30800
3 hrs
3 cr.

ENGL 31100 - Workshop in Fiction I

GER
3/A
Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of fiction.

**prereq:** ENGL 30000

3 hrs

3 cr.

**ENGL 31300 - Workshop in Fiction II**

**GER**

3/A

A continuation of ENGL 31100, with increasing emphasis on craft and revision. This course may be repeated once for credit.

**prereq:** ENGL 30000 and ENGL 31100

3 hrs

3 cr.

**ENGL 31400 - Workshop in Poetry I**

**GER**

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of poetry.

**prereq:** ENGL 30000

3 hrs

3 cr.

**ENGL 31600 - Workshop in Poetry II**

**GER**

3/A

A continuation of ENGL 31400, with increasing emphasis on craft and revision. This course may be repeated once for credit.

**prereq:** ENGL 30000 and ENGL 31400

3 hrs

3 cr.

**E. Electives (9 credits)**

Students in this concentration are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28000). All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.
Note: To take a course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be granted for 300-level courses in other departments.

400-level Advanced Seminar

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

ENGL 48400 - Advanced Seminar in Creative Writing

GER
3/A

Advanced seminar in a specific genre of creative writing (fiction, poetry, or creative non-fiction), with an emphasis on craft, style, and/or strategies for creative writers.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28500 (formerly 30000), ENGL 30400, ENGL 30700, level I and level II workshops in specified genre (30800 and 30900; 31100 and 31300; or 31400 and 31600).

3 hrs
3 cr.

ENGL 49000 - Advanced Seminar in Literature and Criticism

Focused study of and research on a selected author or authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 30400 (currently ENGL 33800), ENGL 30600, ENGL 30700 (currently ENGL 39500); and one of ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900

3 hrs.
3 cr.

ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric

Advanced-level study of a special focus in Linguistics and/or Rhetoric, with a goal of producing a substantial piece of research writing. Focus may vary from semester to semester.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28000, ENGL 30100; at least one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and at least one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, or ENGL 34800; and two courses at 300 or 400 level

3 hrs
3 cr.

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.
Concentration in English Language Arts (42 credits)

Return to Programs and Courses in English

The Concentration in English Language Arts is designed to provide students with experience in the study of literature, linguistics, rhetoric, and writing. While it is designed and intended primarily for prospective elementary school teachers, the concentration is open to all students. All Majors in this concentration take two Introductory Courses (6 credits): ENGL 22000 Introduction to Writing about Literature (3 cr), which is a pre-requisite for all other courses in the major, and ENGL 25200 Introduction to Literary studies (3 cr.), which must be taken within a semester of declaring the major. Students take four required literature courses (12 cr): two surveys (ENGL 30400 Survey of British and Irish Literature, ENGL 30700 Survey of American Literature), one course in Postcolonial literature, African American literature, Native American literature, Asian American literature, Latina/o American literature, multi-ethnic American literature, or literatures from non-European traditions (ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900), and one course in either Western Literary Backgrounds (ENGL 30300), Children's Literature (ENGL 30500), Introduction to Literary Theory (ENGL 30600), or Shakespeare (ENGL 35200, 35300, 35400). All majors in this concentration are required to take two courses in Linguistics and/or Rhetoric (including ENGL 28000: The Structure of Modern English) and two writing courses (including ENGL 30100: Composition Theory and Practice). The remaining three courses (9 cr.) are electives, one of which is a 400-level advanced seminar, which will involve a substantial research or creative project. Students have the option of taking one course (3 credits) outside the English department from a menu of options (see below), an independent study with a full-time faculty member, an internship, and/or an Honors seminar if they qualify.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses CUNY Common Core

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

BA in English: Concentration in English Language Arts

A. Introductory Courses (6 credits)

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core

English Comp (EC)

GER

2/A
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**ENGL 25200 - Introduction to Literary Studies**

**GER**

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

*prereq: ENGL 22000*

3 hrs.

3 cr.

- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

**B. Survey Courses in Literature (6 credits)**

**ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century**

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

*prereq: ENGL 22000*

3 hrs.

3 cr.

**ENGL 30700 - Survey of American Literature: From Origins to the Civil War**

**GER**

3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

*prereq: ENGL 22000*

3 hrs.

3 cr.

**C. Literature Requirements (6 credits)**

1. One course from:

**ENGL 31700 - Topics in Non-European Literary Traditions (W)**
Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 31800 - Topics in Literature of Non-European Americans (W)**

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 32000 - Multi-Ethnic American Literature (W)**

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 32100 - Topics in African American Literature**

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 32300 - Topics in Asian American Literature**
Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A
Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

_prereq: ENGL 22000_
3 hrs
3 cr.

**ENGL 32900 - Topics in Cross-Cultural Literature in English (W)**

**GER**
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

_prereq: ENGL 22000_
3 hrs
3 cr.

2. Once course from:

**ENGL 30300 - Western Literary Backgrounds of British and American Literature**

**Pluralism and Diversity**

**PD/D**

Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods

_prereq: ENGL 22000_
3 hrs
3 cr.

**ENGL 30500 - Studies in Children's Literature**

**GER**
3/A

Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.

_prereq: ENGL 22000_
3 hrs
3 cr.

**ENGL 30600 - Introduction to Literary Theory (W)**

**GER**
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

_prereq: ENGL 22000_
ENGL 35000 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35100 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35200 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

D. Required Courses in Linguistics and Rhetoric (6 credits)

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs
3 cr.

2. One course from:
ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

*prereq: ENGL 22000*

*3 hrs*

*3 cr*

ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.

*prereq: ENGL 22000*

*3 hrs*

*3 cr.*

ENGL 33300 - Topics in Language and Linguistics

*GER*

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.

*prereq: ENGL 22000*

*3 hrs*

*3 cr.*

ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

*prereq: ENGL 22000*

*3 hrs*

*3 cr*

ENGL 34700 - Language and Ethnicity

*Pluralism and Diversity*

*PD/B*

*GER*

3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.
ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.

Degree Map

Degree Map for English: Language Arts

Courses Required for the Major

Concentration in English: Foundations for Adolescent Education (42 credits)

The Concentration in English: Foundations for Adolescent Education (42 cr.) is designed to give students the foundation in literary studies, writing, and linguistics that is required for teaching English in grades 7-12. This concentration alone does not meet the teaching certification requirements for New York State and New York City public schools. Students interested in meeting these certification requirements will take this course sequence as part of the BA program in Adolescent English, Grades 7-12 jointly offered by the School of Arts & Sciences and the School of Education. Students interested in the BA program in Adolescent English, Grades 7-12 should declare this concentration of the major in English before declaring the joint major with the School of Education. Students who do not wish to pursue certification do not need to contact the School of Education and should simply follow the course of study set out in this English concentration. All Majors in this concentration take two Introductory Courses (6 credits): ENGL 22000 Introduction to Writing about Literature (3 cr), which is a pre-requisite for all other courses in the major, and ENGL 25200 Introduction to Literary studies (3 cr.), which must be taken within a semester of declaring the major. Students are required to take six literature courses (18 cr): four survey courses (ENGL 30300 Western Literary...
Backgrounds, ENGL 30400 Survey of British and Irish Literature, ENGL 306 Introduction to Literary Theory, ENGL 30700 Survey of American Literature), one course in Postcolonial literature, African American literature Native American literature, Asian American literature, Latina/o American, multi-ethnic American literature, or literatures from non-European traditions (ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900), and one course in Shakespeare (ENGL 35200, 35300, 35400). Students are required to take one linguistics course (ENGL 28000: The Structure of Modern English) and two writing courses (including ENGL 30100: Composition Theory and Practice). The remaining three courses (9 cr.) are electives, one of which must be a 400-level advanced seminar, which will involve a substantial research or creative project. Students have the option of taking one course (3 credits) outside the English department from a menu of courses (see below), an independent study with a full-time faculty member, an internship, and/or an Honors seminar if they qualify.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

Courses CUNY Common Core

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

A. Introductory Courses (6 credits)

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core

English Comp (EC)

GER

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour

3 cr.

ENGL 25200 - Introduction to Literary Studies

GER

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs.
3 cr.
- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

B. Surveys in Literature and Theory (18 credits)

ENGL 30300 - Western Literary Backgrounds of British and American Literature

Pluralism and Diversity
PD/D
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A
An introduction to major theories of literature, with an emphasis on contemporary trends.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.
prereq: ENGL 22000
3 hrs
3 cr.
C. Literature Requirements (6 credits)

1. One course from

**ENGL 31700 - Topics in Non-European Literary Traditions (W)**

*Pluralism and Diversity*

*PD/A*

*GER*

*3/A*

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

*prereq: ENGL 22000*

*3 hrs*

*3 cr.*

**ENGL 31800 - Topics in Literature of Non-European Americans (W)**

*Pluralism and Diversity*

*PD/B*

*GER*

*3/A*

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

*prereq: ENGL 22000*

*3 hrs*

*3 cr.*

**ENGL 32000 - Multi-Ethnic American Literature (W)**

*Pluralism and Diversity*

*PD/B*

*GER*

*3/A*

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000*

*3 hrs*

*3 cr.*

**ENGL 32100 - Topics in African American Literature**

*Pluralism and Diversity*

*PD/B*

*GER*

*3/A*
Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B

Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

2. One course from

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.

prereq: ENGL 22000
3 hrs
3 cr.

D. Required courses in Linguistics (3 credits)

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs
3 cr.

E. Required courses in Writing (6 credits)

ENGL 30100 - Composition Theory and Practice

GER
3/A

Study of the theory and practice of academic composition.

prereq: ENGL 22000
3 hrs
3 cr.

2. One of

ENGL 28500 - Introduction to Creative Writing

GER
3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.
Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses,
except ENGL 30100.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 34300 - Topics in Composition Studies**

Focused study of aspects of composition theory and/or practice. Topics vary from semester to semester and may include the history of composition studies, new media and digital studies, and/or writing across the curriculum. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

**F. Electives (9 credits)**

Students in this major are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28500). All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689, may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be granted for 300-level courses in other departments.

**400-level Advanced Seminar**

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

ENGL 49000 Advanced Seminar in Literature and Criticism (Prerequisites: ENGL 22000; ENGL 25200; ENGL 30400; ENGL 30600; ENGL 30700; one of ENGL 31700, 31800, 32000, 32100, 32300, 32400, 32500, 32600, 32700, or 32900)

ENGL 49200 Advanced Seminar in Linguistics and/or Rhetoric (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28000; ENGL 30100; one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, ENGL 34800)

ENGL 48400 Advanced Seminar in Creative Writing (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28500; ENGL 30400; ENGL 30700; and both a level 1 and 2 workshop in the student's chosen genre)

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.
Degree Map

Degree Map for English: Preparation for Secondary School Teaching BA

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Concentration in Linguistics and Rhetoric (42 credits)

Return to Programs and Courses in English

The concentration in Linguistics and Rhetoric is designed to provide students with a comprehensive course of study in the structures, uses, and ideologies of discourse in various types of texts, genres, and domains: from everyday talk to persuasive writing. Students will gain a complex understanding of spoken and written discourse by comparing a wide range of philosophical underpinnings, theoretical perspectives, and methodological approaches. This concentration is particularly suited for students who are interested in graduate study in Linguistics, Rhetoric, Applied Linguistics, and Teaching English to Speakers of Other Languages (TESOL).

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCC], Concurrent Requirements). When selecting courses, it may be to a student’s advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses CUNY Common Core

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

A. Introductory Courses (6 credits)

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

ENGL 25200 - Introduction to Literary Studies

GER
3A
Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.
- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

B. Required courses in Linguistics and in Rhetoric and Composition (18 credits)

1. In Linguistics

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs.
3 cr.

2. Between one to three courses in Linguistics (3-9 credits) from

ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.

prereq: ENGL 22000
3 hrs.
3 cr.
ENGL 33300 - Topics in Language and Linguistics

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.

prereq: ENGL 22000
3 hrs
3 cr
3. In Rhetoric and Composition

**ENGL 30100 - Composition Theory and Practice**

**GER**

3/A

Study of the theory and practice of academic composition.

*prereq: ENGL 22000*

*3 hrs*

*3 cr.*

4. Between one to three courses in rhetoric and composition (3-9 credits) from

**ENGL 34000 - History of Rhetoric**

**GER**

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.

*prereq: ENGL 22000*

*3 hrs*

*3 cr.*

**ENGL 34100 - Rhetorical Criticism**

**GER**

3/A

This course will focus on rhetorical criticism as a genre of academic writing.

*prereq: ENGL 22000*

*3 hrs*

*3 cr.*

**ENGL 34200 - Topics in Rhetoric**

**GER**

3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.

*prereq: ENGL 22000*

*3 hrs*

*3 cr.*
ENGL 34300 - Topics in Composition Studies

Focused study of aspects of composition theory and/or practice. Topics vary from semester to semester and may include the history of composition studies, new media and digital studies, and/or writing across the curriculum. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

- In addition to ENGL 28000 and ENGL 30100, majors in this concentration take either one more course in linguistics and three more courses in rhetoric; three more courses in linguistics and one more course in rhetoric; or two more courses in linguistics and two more courses in rhetoric.

C. Survey courses in literature (6 credits)

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

D. Literature Requirements (3 credits)

1. One course from

ENGL 31700 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester

prereq: ENGL 22000
ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B

Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000

3 hrs.
3 cr.
ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

prereq: ENGL 22000
ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

Prereq: ENGL 22000

3 hrs
3 cr.

E. Electives (9 credits)

Students in this major are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28500).

All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department’s prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be granted for 300-level courses in other departments.

Note: Linguistics and Rhetoric majors may also choose one additional elective outside of the department from courses related to linguistics or rhetoric offered in other departments - in Anthropology (ANTHC 15100 Introduction to Linguistics; ANTHC 32047 Youth and Language; ANTHC 32076 Language, Sex And Gender; ANTHC 32081: Language and Power; ANTHC 35100 Language In Culture And Society; ANTHC 35200 Language In Society; ANTHC 35400: Grammatical Analysis (3 Cr); ANTHC 40100 Seminar Linguistic Field Techniques; ANTHC 40176 Discourse Pragmatics; ANTHC 40191 Languages In Contact)); in Classics (CLAS 11000 Greek and Latin Roots of English); and in Philosophy (PHILO 10300 Introduction to Logic and Critical Thinking; PHILO 39484: Speech Acts); or from courses in foreign language study that are beyond those taken in fulfillment of the foreign language requirement (e.g., advanced courses in a second language, beginning courses in a third language).

*ENGL 33300 and ENGL 34200 may be taken multiple times in different topics to fulfill both required and elective courses

400-level Advanced Seminar

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

- ENGL 49000 - Advanced Seminar in Literature and Criticism (Prerequisites: ENGL 22000; ENGL 25200; ENGL 30400; ENGL 30600; ENGL 30700; one of ENGL 31700, 31800, 32000, 32100, 32300, 32400, 32500, 32600, 32700, or 32900)
• ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28000; ENGL 30100; and one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, ENGL 34800)
• ENGL 48400 - Advanced Seminar in Creative Writing (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28500; ENGL 30400; ENGL 30700; and both a level 1 and 2 workshop in the student's chosen genre)

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

**Concentration in Literatures and Criticism (42 credits)**

Return to Programs and Courses in English

Majors who choose the Concentration in Literatures and Criticism (42 credits) take ENGL 22000 Introduction to Writing about Literature (W) (3) and ENGL 25200 Introduction to Literary Studies (3), four required courses (12), three courses in a specialized area of study (9), one 300- or 400-level English course with a focus on literature or rhetoric before 1800 (3), and 4-5 electives (12-15). The department recommends that students take the six required courses early in their major studies, preferably soon after they have declared the major. The Literatures, Language and Criticism concentration is designed to provide students with exposure to a range of literary texts and traditions, as well as to a specific area of study in which to focus. The first two areas of study reflect particular national literatures, and the remaining four are designed with broader approaches to literary study in mind. With prior approval, a student may also work with an adviser to design her own area.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

**Courses CUNY Common Core**

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major**

**A. Introductory Courses (6 credits)**

**ENGL 22000 - Introduction to Writing about Literature (W)**

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an
emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**ENGL 25200 - Introduction to Literary Studies**

*GER 3A*

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

*prereq: ENGL 22000*

3 hrs.

3 cr.

- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

**B. Survey Courses in Literature and Theory (9 credits)**

**ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century**

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 30600 - Introduction to Literary Theory (W)**

*GER 3/A*

An introduction to major theories of literature, with an emphasis on contemporary trends.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 30700 - Survey of American Literature: From Origins to the Civil War**

*GER 3/A*

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

*prereq: ENGL 22000*
C. Literature Requirements (12 credits)

1. Two courses (6 credits) from

**ENGL 31700 - Topics in Non-European Literary Traditions (W)**

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 31800 - Topics in Literature of Non-European Americans (W)**

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 32000 - Multi-Ethnic American Literature (W)**

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 32100 - Topics in African American Literature**

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A
Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

*prereq: ENGL 22000*

3 hrs

3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

**Pluralism and Diversity**

PD/A

GER

3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

*prereq: ENGL 22000*

3 hrs

3 cr.

ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER

3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000*

3 hrs

3 cr.

2. One course in literature, linguistics, or rhetoric pre-1800, from

ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.

*prereq: ENGL 22000*

3 hrs

3 cr.

ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.

*prereq: ENGL 22000*

3 hrs

3 cr.

ENGL 33500 - Chaucer
Pluralism and Diversity
PD/D
GER
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33600 - Medieval Literature (1100-1500)

GER
3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33700 - Literary Aspects of Folklore

GER
3/A

Studies of folktales, ballads and legends in their relationship to written literature.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34000 - History of Rhetoric

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35000 - Renaissance Drama

Pluralism and Diversity
GER 3/A

A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
3 cr.
ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35500 - Topics in Shakespeare (W)
GER
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 35900 - Topics in Seventeenth-Century Literature**

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.

*prereq: ENGL 22000*

3 hrs

3 cr

**ENGL 36000 - The 17th Century**

*Pluralism and Diversity*

PD/D

GER
3/A

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 36100 - Milton**

*Pluralism and Diversity*

PD/D

GER
3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 36200 - English Drama of Restoration and 18th Century**

*Pluralism and Diversity*

PD/D

GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.
ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

ENGL 36400 - The Age of Satire

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.

ENGL 36500 - The Later 18th Century

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.

ENGL 36800 - The 18th Century English Novel

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
ENGL 36900 - The 19th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37200 - Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38300 - Topics in Renaissance Literature

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.
ENGL 38400 - Topics in Restoration and 18th Century Literature

GER
3/A

Topics vary from semester to semester.

ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.

cross-listed WGS 31900

ENGL 32200 - Topics in Gender and Sexuality in Literature

Pluralism and Diversity
PD/C

Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

ENGL 33300 - Topics in Language and Linguistics

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
ENGL 34200 - Topics in Rhetoric

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.

ENGL 38700 - Topics in British and/or Irish Fiction
GER 3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.

May be repeated once for credit with a different topic.

prereq: ENGL 22000

3 hrs

3 cr.

ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

GER 3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.

prereq: ENGL 22000

3 hrs

3 cr.

ENGL 38900 - One Major Writer (W)

Pluralism and Diversity

PD/C or D

GER 3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

prereq: ENGL 22000

3 hrs

3 cr.

ENGL 39100 - Topics in British and/ or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme

prereq: ENGL 22000

3 hrs

3 cr.

ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39400 - World Literature: Drama

GER
3/A

Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr.

ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr.

ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
3. One course in literature, linguistics, or rhetoric pre-1900. Courses include all those listed above under the pre-1800 requirement (with the exception of courses in Shakespeare: ENGL 35200, ENGL 35300, ENGL 35400, ENGL 35500); and include the following:

**ENGL 33900 - Survey of British Literature II: The Eighteenth Century to the Present**

A survey of British Literature from the eighteenth century to the present, encompassing a range of authors and genres, and employing a variety of interpretive strategies.

*prereq: ENGL 22000*

3 hrs

3 cr.

ENGL 36900 - The 19th Century English Novel

**ENGL 37300 - Victorian Literature (W)**

*Pluralism and Diversity*

PD/D

*GER*

3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include. Authors may include Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, Newman, Dickens, the Brontes, George Eliot, and Thackery.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 38500 - Topics in 19th Century Literature**

*GER*

3/A

Topics vary from semester to semester.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 39600 - American Prose from Reconstruction to World War I**

*GER*

3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin.

*prereq: ENGL 22000*

3 hrs

3 cr.
ENGL 39700 - Pre-20th Century American Poetry

GER
3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.

prereq: ENGL 22000
3 hrs
3 cr.

Some courses under the following number (depending on the topic; check department listings)
- ENGL 32300 – Topics in Asian American Literature
- ENGL 32600 – Topics in US Latina/o Literature
- ENGL 32700 – Topics in Caribbean Literature

E. Electives (15 credits)

Students in this major are required to take fifteen credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28000 and ENGL 28500).

All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a 300-level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

E. 400-level Advanced Seminar

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

ENGL 49000 - Advanced Seminar in Literature and Criticism

Focused study of and research on a selected author or authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 30400 (currently ENGL 33800), ENGL 30600, ENGL 30700 (currently ENGL 39500); and one of ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900
3 hrs.
3 cr.

ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric
Advanced-level study of a special focus in Linguistics and/or Rhetoric, with a goal of producing a substantial piece of research writing. Focus may vary from semester to semester.

**prereq:** a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28000, ENGL 30100; at least one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and at least one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, or ENGL 34800; and two courses at 300 or 400 level

3 hrs

3 cr.

**ENGL 48400 - Advanced Seminar in Creative Writing**

**GER**

3/A

Advanced seminar in a specific genre of creative writing (fiction, poetry, or creative non-fiction), with an emphasis on craft, style, and/or strategies for creative writers.

**prereq:** a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28500 (formerly 30000), ENGL 30400, ENGL 30700, level I and level II workshops in specified genre (30800 and 30900; 31100 and 31300; or 31400 and 31600).

3 hrs

3 cr.

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

**Degree Map**

**Degree Map for English: Literature, Language, & Criticism**

**Dance - BA**

The BA in Dance at Hunter is open to all students who have been admitted to Hunter College. To be declared a BA Dance Major, students must be admitted into DAN 21500 Ballet 1 or DAN 21000 Contemporary Dance Technique I or higher as determined by placement audition open to all students. The student will meet with the adviser in the Dance Department as soon as they qualify for level 1 technique or higher and every semester thereafter. All Dance majors are required to earn 42 credits minimum in DAN courses and complete all requirements including:

- Be registered in at least one dance technique course every semester in order to remain a Dance major in good standing, unless granted exemption by the department;
- Perform in a minimum of 2 student choreographed pieces during their studies at Hunter College;
- Earn a C grade or better in all courses required for the major (grades below C will not count toward the major.)

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details
on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement. In the case of the dance major, the courses that meet CCCR are:

DAN 10200 Dance in Culture
DAN 23200 Global Dance History

Courses Required for the Major (42- 46 credits)

The BA Dance Degree Curriculum is divided into 4 areas of study:

1. Dance Technique and Performance (20-24 credits)
   - Must complete four credits minimum of any style at level I (or the appropriate level for the ability of the student as determined in the placement class) (4)
   - Must complete four credits of dance technique any style in level 3.
   - Must complete eight credits of dance technique any style at level I or higher (8)
   - Must complete two credits of Repertory DAN 43200 (1) and DAN 43300 (1)
   - Students who do not place into a dance technique level 1 class must take DAN 10100 Fundamentals of Contemporary Dance Technique and/or DAN 10500 Fundamentals of Ballet (0-3)

2. Creative Work (11 credits)
   - DAN 12400 Production Crew (.5 x 2)*
   - DAN 22100 Improvisation (1)
   - DAN 22400 Stagecraft (1)
   - DAN 32100 Composition I (2)
   - DAN 42100 Composition II (2)
   - DAN 42200 Dance Workshop (2)
   - DAN 42400 Production (2)
   *Please note that DAN 12400 Production Crew must be taken twice to complete the major.

3. Dance Studies (8 credits)
   - DAN 21300 Basic Musicianship for Dancers (2)
   - DAN 23200 Global Dance History (3)
   - DAN 35000 Anatomy and Kinesiology for Dancers (3)

4. Electives (3 credits)*

Dance Technique Electives
• DAN 15100 Global Dance 1
• DAN 25100 Global Dance 2
• DAN 25200 Special Topics: Traditional Dance I
• DAN 35200 Special Topics: Traditional Dance II

Other Electives

• DAN 34200 Teaching Dance
• DAN 25500 Dance Pedagogy
• DAN 46100 Seminar in Dance
• DAN 48000 Independent Study in Dance
• DAN 49000 Honors in Dance
• DAN 49800 Internship

*Dance Technique and Creative Work courses are repeatable for elective credit.

Note: All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Teacher Education Pathway

Students planning to teach this subject in grades PreK-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Degree Map for Dance BA

Degree Map for Dance

Dance Pre-K - 12 - BA

The BA program in PreK-12 Dance Education leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in Pre K-12 schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

The Education course of study is a 27-credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

Declaring the Dance PreK - 12 BA major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty, including the coordinator of the BA dance education program. The BA Dance Education applicant should also set up a time for the Dance Education Coordinator, in consult with dance faculty, to be observed in a dance class. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.
Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter. The School of Education does not accept non-degree or seconddegree students.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Dance.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Course of Study

Academic Plan: DANCAE-BA & MHCDAAE-BA

Total Credits Required

Sub-total = 64-68

Electives = 3

Total credits required = 67-71

Dance Requirements (42-46 credits)

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.
In the case of Dance, the courses that meet CCCR are:

DAN 10200 Dance in Culture

DAN 23200 - Global Dance History

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

The BA Dance Degree Curriculum of 42 credits is divided into 4 areas of study:

1. Dance Technique and Performance (20-24 credits minimum)
2. Creative work: Improvisation, choreography performance (11 credits)
3. Dance Studies (8 credits minimum)
4. Electives or Repeatable Courses (3 credits minimum)

Dance Technique and Performance (20 credits minimum)

- Four credits minimum of any style at level I (or the appropriate level for the ability of the student as determined in the placement class) (4)
- Four credits of dance technique any style level III (4)
- Eight credits of dance technique electives any style at level I or higher (8)
- DAN 43200 - Repertory I (1) and DAN 43300 - Repertory II (1)
- DAN 44000 - Lecture/Demonstration Touring Group (2)

*Note: Special topics courses change every semester offering differing styles and genres of dance technique.

Creative Work (11 credits)

DAN 12400 - Production Crew

Production Crew provides students with insights and firsthand experience as a participant in the physical production of theatre. This course allows students to build an understanding and appreciation of the practical function of theatrical production techniques.

prereq: permission of department
0.5 hrs
0.5 cr.

DAN 22100 - Improvisation

GER
3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.

prereq: Declaration of Dance Major or Dance Minor
4 hrs
1 cr.

DAN 22400 - Stagecraft
This course focuses on the practical experience of dance production, including work backstage and other aspects of production. May be taken twice for credit with permission of the department.

**prereq:** perm dept.
3 hrs, 3 hrs open studio
1 cr.

**DAN 32100 - Composition I**

**Pluralism and Diversity**
GER 3/A
Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.

**prereq:** DAN 22100, permission of dept.
4 hrs, 2 hrs open studio
2 cr.

**DAN 42100 - Composition II**

**GER**
3/A

Continued application of basic principles of composition; conception, planning and realization of complete dances; preparation of dances for concert by integrating all aspects of production. Two additional hours of open studio are recommended for this course.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**prereq:** DAN 32100, perm dept.
4 hrs, 2 hrs open studio
2 cr.

**DAN 42200 - Dance Workshop**

**GER**
3/A

This advanced composition course provides a structure for continued choreographic practice leading to public performance. The course concentrates on development of individual artistic voice, refining effective rehearsal practices, and seeing a choreographic project to completion in terms of thematic material, methodology, visual design, and production best practices. May be taken twice for credit with permission of the department.

**prereq or coreq:** DAN 42100
4 hrs
2 cr.
DAN 42400 - Production

GER
3/A

Practical application of advanced production skills: a design course for advanced dance and choreography students. Tools, techniques and skills required to produce live dance performances. May be taken twice for credit with permission of the department.

prereq: DAN 22400
3 hrs, 3 hrs open studio
2 cr.

*Please note that DAN 12400 Production Crew must be taken twice.

Dance Studies (8 credits minimum)

DAN 21300 - Basic Musicianship for Dancers

GER
3/A

Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: DAN 21000
3 hrs
2 cr.

DAN 23200 - Global Dance History

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: N/A
3 hrs
3 cr.

DAN 25000 - Anatomy and Kinesiology for Dancers (3 credits)

Electives (3 credits)**

Dance Technique Electives
DAN 15100 - Global Dance 1

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.

2 hrs
1 cr.

DAN 25100 - Global Dance 2

GER
3/A

Expanded progressions in folk forms of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.

prereq: DAN 15100
2 hrs
1 cr.

DAN 25200 - Special Topics: Traditional Dance I

Pluralism and Diversity
GER 3/A PD/A

Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

This course only partially fulfills the electives requirement for the Dance BA degree.

prereq: placement class
4 hrs
2 cr.

DAN 25300 Jazz Dance 1 (2 credits)
DAN 25400 Jazz Dance 2 (2 credits)

DAN 35200 - Special Topics: Traditional Dance II

Pluralism and Diversity
PD/A
GER
3/A

Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

prereq: DAN 25200, perm dept.
4 hrs
2 cr.

Other Electives
DAN 34200 - Teaching Dance

Teaching Dance will be a combination of a lab and lecture course. Readings from the field will include the methodologies of teaching different genres for different populations. Students will present in class three times per semester. They will also perform extensive field work observing and interviewing teachers, studio owners, directors of professional training programs, etc.

prereq: DAN 31000 and/or DAN 24500
4.5 hrs
3 cr.

DAN 25500 - Dance Pedagogy

The course traces the history of teaching dance in studios, dance schools, academies, public schools, arts schools, and in higher education in the US and internationally and explores the different kinds of programs that exist today. The course will discuss and observe differing teaching methodologies. Students will read, observe and comment on teachers, as well as present their thoughts about the pedagogy of Dance.

prereq: DAN 31000 and/or DAN 24500
4 hrs
2 cr.

DAN 46100 - Seminar in Dance

GER
3/A

Survey of dance careers, grant writing, arts administration, resume writing and relevant topics related to the socio-political climate of our times in relation to art.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: DAN 31000, DAN 32100
3 hrs
3 cr.

DAN 48000 - Independent Study in Dance

GER
3/A

In-depth study in area of special interest for qualified students under direction of faculty adviser.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: minimum 15 dance received at Hunter, major GPA 3.0, overall GPA 2.5. Open to dance majors and minors only.
3-9 hrs
1-3 cr.
DAN 49000 - Honors in Dance

GER
3/A

Open to Jr/Sr Dance majors only. Individual study leading to completion of honors essay or production book in creative performance.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: minimum 18 dance, major GPA 3.5, overall GPA 2.8
hrs TBA
1-3 cr.

DAN 49800 - Internship

GER
3/A

Open to dance majors with 15 credits in dance from Hunter.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: DAN 32400
hrs TBA
3-6 cr.

** Dance Technique and Creative Work courses are repeatable for elective credit.

Note: Special Topics includes a varied offering of techniques and genres including Partnering, Hip Hop, Yoga, African Forms, Indian Forms, Latin Jazz and Gaga.

Note: Not all required classes are offered every semester. Meetings with dance advisors on a regular basis and prior to registration are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Dance Progress Standard: All dance majors must demonstrate proficiency to qualify for level 1 or higher in contemporary, ballet or hip-hop dance technique by the 5th semester of their college career. Inability to complete at least level 1 Contemporary, Ballet or Hip Hop technique after 3 attempts will result in the student being removed from the major.

Education Requirements (25 credits)

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.

SEDF 20400 - Adolescent Development
The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork
2 cr.

**SEDF 20500 - Educational Psychology: Applications in Grades 7-12**

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

*prereq: SEDF 20300, 20400*

2 hrs per week plus 36 hrs fieldwork
2 cr.

**SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12**

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

*prereq: SEDF 20500, SEDC 21000*

2 per week plus lab
2 cr.

**SEDC 21000 - Building the Foundations of Literacy in Grades 7-12**

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.

**SEDC 22000 - Adolescent Health and Safety**

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

*prereq: SEDF 20300, 20400*

1 hr
1 cr.

**DANED 30200 - Theory and Practice of Teaching Dance (pre-K-12)**

Methods of teaching dance in grades pre-K-12 to students with diverse backgrounds and abilities in diverse learning environments; the organization of instruction and classroom management strategies; technological resources; community and family resources.

Field work required.
DANED changed to DANEP - effective Spring 2018 -

*prereq: completed 12 cr in dance or perm dance adviser
prereq or coreq: SEDF 20400*

3 hrs plus 36 hours fieldwork
4 cr.
SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080

-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 32100 or SEDC 215 or DANED 30200 or SEDC 21200

SEDCP 45600 - Student Teaching in Dance, Grades Pre-K-12

Two 30-day supervised placements (one in grades pre-K-6 and one in grades 7-12) in New York City public schools selected by Hunter College. Special Conditions: Students must apply for student teaching the fall semester before enrolling in this course. Scores on the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examination must have been received by the coordinator of adolescent education prior to enrollment in student teaching.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq or coreq: SEDF 20600, SEDC 22000
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Degree Map for Accounting

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Accounting major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently
satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core

English Comp (EC)

GER

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core

Math/Quantitative Reasoning

GER

1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs

4 cr.

ECO 20000 - Principles of Microeconomics

GER

2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets. May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs

3 cr.

- Foreign Language Elementary Level 1
Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

MATH 15200 (STEM) - Calculus for Life and Social Sciences

Limits, continuity and the derivative. The power rule, product and quotient rules, the chain rule, and implicit differentiation. The Mean Value Theorem and the Intermediate Value Theorem. Curve sketching and optimization, and linear approximation. Riemann integral and the Fundamental Theorem of Calculus. Various applications to economics, life sciences, and physical sciences. Students will not be allowed to obtain credit for both MATH 15200 and MATH 15000 (STEM). Students planning on taking more than one semester of calculus should take MATH 15000 (STEM) instead.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, and coreq MATH 14000; or appropriate score on placement exam.
Not open to students who have taken MATH 15000.
4 hrs
4 cr.

ECO 20100 - Principles of Macroeconomics

GER
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.
May be taken prior to or concurrently with ECO 20000.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000
3 hrs
3 cr.

Foreign Language Elementary Level 2
Creative Expression
Sophomore Year

Fall

ECO 22100 - Economic Statistics

Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3 hr lecture or 2 hr lecture/1 hr discussion
3 cr.

ACC 27100 - Accounting I

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.
prereq: upper freshman standing
3 hrs
3 cr.

• Foreign Language Intermediate Level 3
• Individual & Society/ Humanities
• World Cultures & Global Issues

Spring

ACC 27200 - Accounting II

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.

effective term spring 2016
prereq: ACC 27100 with a grade of C or better
3 hrs
3 cr.

ACC 28000 - Business Law I

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.
prereq: sophomore standing or perm chair
3 hrs
3 cr.

• Finance Requirement I (ECO 21000 Money and Banking or ECO 36500 Corporate Finance)
• Foreign Language Intermediate Level 4
• Life and Physical Sciences
Junior Year

Fall

**ACCP 37100 - Intermediate Accounting I**

In-depth study of current concepts relating to accounting for assets and current liabilities.  
*effective term spring 2016*

*prereq: ACC 27100 and ACC 27200 all with a grade of C or better.*

3 hrs
3 cr.

**ACCP 38000 - Business Law II**

Legal aspects of business organizations; agency, partnership and corporate relationships.  
*prereq: ACC 28000 with a grade of C, or CR, or better*

3 hrs
3 cr.

- Finance Requirement II (ECO 21000 Money and Banking, ECO 36500 Corporate Finance, ECO 36600 Security and Investment Analysis if already took ECO 365, or ACCP 367 if already took ECO 365)
- Business Elective I (ECO 35900 Economics of Business Organization and Management or any 300 or 400 level ACCP or ECO course (ACCP 48000 Business Law III is strongly recommended)***
- Elective

Spring

**ACCP 37200 - Intermediate Accounting II**

Long-term liabilities, investments, revenue recognition; shareholders' equity, dilutive securities and earnings per share, income taxes, pensions, leases.  
*effective term spring 2016*

*prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better.*

4 hrs
4 cr.

**ACCP 37300 - Federal Income Taxation**

Principles of federal income taxation and the impact of taxes on individuals.  
*effective term spring 2016*

*prereq: Prereq: ACC 27100 and ACC 27200 and ACCP 37100, all with a grade of C or better*

3 hrs, 3 cr.

- Business Elective II (ECO 35900 Economics of Business Organization and Management or any 300 or 400 level ACCP or ECO course (ACCP 48000 Business Law III is strongly recommended)
- Elective
- Elective
Senior Year

Fall

**ACCP 37400 - Managerial Accounting (Cost Accounting)**

Accumulation, analysis, presentation and use of cost data by management; budgets.

effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better
3 hrs
3 cr.

**ACCP 47100 - Advanced Accounting I**

effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better
3 hrs
3 cr.

**ACCP 47500 - Auditing**

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.
prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better
prereq or coreq: ACCP 47100 with a grade of C or better
4 hrs
4 cr.

- Business Elective III (ECO 35900 Economics of Business Organization and Management , or any 300 or 400 level ACCP or ECO course (ACCP 48000 Business Law III is strongly recommended)***
- Business Elective IV (ECO 35900 Economics of Business Organization and Management , or any 300 or 400 level ACCP or ECO course (ACCP 48000 Business Law III is strongly recommended)***

Spring

**ACCP 47200 - Advanced Accounting II**

Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better
3 hrs
3 cr.

**ACCP 47300 - Business Taxes**

Federal income taxation of partnerships and corporations; other special tax issues.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 and ACCP 37300 all with a grade of C or better
3 hrs
3 cr.

ACCP 47600 - Computer Accounting Systems

prereq: ACC 27100 and ACC 27200, both with a grade of C or better, and declaration as an accounting major
3 hrs
3 cr.

ACCP 49000 - Accounting & Auditing Research

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.

prereq: ECO 22100 with a grade of C or CR or better or STAT 21300 with a grade of C or CR or better and ACC 27100, ACC 27200, ACCP 37100, and ACCP 37200 all with a grade of C or better.
prereq or coreq: ACCP 47500
3 hrs
3 cr.

Notes:

- Students placing into MATH 101 or 101EN should speak with an advisor to discuss completion of major in four years.
- **MATH 150 Calculus with Analytic Geometry I or ECO 220 Techniques of Economic Analysis may also be used to fulfill the calculus requirement for the major. Students who wish to take higher levels of calculus are advised to take MATH 150.
- Majors are advised to complete MATH 150 or MATH 152 or ECO 220 and ECO 221 within their first 75 credits of college work. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major.
- An overall average of at least "C+" (2.3 Grade Point Average) must be maintained in the 35 ACC/ACCP credits (except Business Law and ACCP 376). Students who receive a grade of "D" or lower in any of the eleven required accounting courses in the Professional Studies Requirement will be allowed to repeat the course only once. In total, students may repeat no more than three Accounting courses for which they received a grade of "D" or lower. Students who exceed this allowed number of course repeats will be dismissed from the BS program in Accounting. The Academic Adviser for the BS program in Accounting may, under extraordinary circumstances, make exceptions to this rule.
- An overall average of at least "C+" (2.3 Grade Point Average) must be maintained in the 36 credits of Other Professional Studies (Business Law, Statistics, Finance, Business Core, and Business Elective). This requirement is separate and measured independently of the required 2.3 GPA for the 35 Accounting credits.
- Note: There is no minimum required Grade Point Average for the four to eleven Non-professional Studies credits.
- Students enrolled in the BS (accounting) curriculum may not use a CR/NC grade in any of the eleven required Accounting classes. Students enrolled in the BS (accounting) curriculum may use a CR/NC grade only one time toward the 36 credits in the Other Professional Studies requirement. If a student exceeds this
limit, any additional CR grades in these 36 credits will be converted to a grade of C and any additional NC
grades in these 36 credits will be converted to a grade of F.

- ***Business electives (12 cr) Choose from the following:
  - ECO 35900 Economics of Business Organization and Management
  - Any 300- or 400-level ACCP or ECO course (excluding ACCP 47600 and ECO 49800) Note:
    ACCP 48000 is strongly recommended.
  - NOTE: Students may not use any course to fulfill the business elective requirement that is also
    being used to satisfy any other requirement of the Accounting major.

Degree Map for Africana & Puerto Rican / Latino Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in
four years with an AFPRL major. The Degree Map is a tool to assist you and your advisor in planning your academic
path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog)
and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for
the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all
Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor
through the selection of electives. Your specific program of study could, and probably will, look different. You need to
customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

Hunter Core
English Comp (EC)

GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express
themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Individual & Society/ Social Sciences
- US Experience in its Diversity

Spring

**AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)**

Hunter Core
English Composition (EC)

Pluralism and Diversity
PD/A or B
Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.

**Ger 2/A**

**Sophomore Year**

**Fall**

- AFPRL 100 Level Elective
- Scientific World
- Foreign Language Intermediate Level 3
- Elective
- Elective

**Spring**

- AFPRL 200 level History Elective
- SOC 20100 The Family
- Creative Expression
- Foreign Language Intermediate Level 4
- Elective

**Junior Year**

**Fall**

- AFPRL 200 Level History Elective
- AFPRL 300 Level Elective
- (W) Pluralism and Diversity A or D
- Elective
- Elective

**Spring**

- AFPRL 28100 Fieldwork in African American/Latino Communities
- AFPRL 300 or 400 Level Elective

**Prereq:** ENGL 12000

*3 hrs*

*3 cr*

- Individual & Society/ Humanities
- Foreign Language Elementary Level 2
- Life & Physical Sciences
- Elective
• Pluralism and Diversity A or D
• Elective
• Elective

Senior Year

Fall

• AFPRL 300 or 400 Level Elective
• AFPRL Elective
• Elective
• Elective
• Elective

Spring

• AFPRL 49900 or Elective
• Elective
• Elective
• Elective
• Elective

Notes:

• AFPRL majors choose 18 AFPRL electives (6 courses) of which at least 12 credits (4 courses) must be at the 300 or 400 level.
• Students should work with departmental advisor to select courses in order to develop a concentration in Africana studies, Puerto Rican/Latino or a combined sequence.
• At least 3 credits must be taken in Puerto Rican/Latino if the concentration is Africana studies and vice versa.

Degree Map for Anthropology

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Anthropology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you

Freshman Year

Fall

ENGL 12000 - Expository Writing
Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core
Individual and Society (Social Sciences) - I&S SS
Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

3 hrs
3 cr.
offered every sem.

• Math & Quantitative Reasoning
• Foreign Language Elementary Level 1
• Creative Expression

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B
Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs
3 cr.
offered every sem.

**ANTHP 10100 (STEM) - Human Evolution**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

- Foreign Language Elementary Level 2
- Elective

**Sophomore Year**

**Fall**

- US Experience in Its Diversity
- Foreign Language Intermediate Level 3
- Scientific World
- Elective
- Elective

**Spring**

**ANTHC 15100 - Introduction to Linguistics**

**Hunter Core**
World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

3 hrs
3 cr.

- Individual and Society/ Humanities
- Foreign Language Intermediate Level 4
- Elective
- Elective
Junior Year

Fall

ANTHC 31400 - Research Design in Anthropology

Pluralism and Diversity
GER 3/B
Introduction to basic principles of research design employed in anthropology.

prereq: ANTHC 10100

3 hrs
3 cr.

- ANTHP or ANTHC Elective
- Elective
- Elective
- Elective

Spring

ANTHC 31800 - History of Anthropological Theory

Pluralism and Diversity
PD/D
GER
3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.

prereq: ANTHC 10100 or perm instr.

3 hrs
3 cr.

- ANTHP or ANTHC Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- ANTHP or ANTHC Elective
- Elective
- Elective
- Elective
- Elective

Spring
• ANTHP or ANTHC Elective
• Elective
• Elective
• Elective
• Elective

Notes:

Please note ANTHP 101, ANTHC 151 and ANTCH 126 are required for the major and will also satisfy the CUNY Common Core (CCC), however, no more than two courses from any one department will count for the CCC so an additional course will be needed.

Degree Map for Arabic BA (Heritage Learner)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Arabic major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

_prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

_prereq: perm of division head
ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: ARB 14800 or Arabic Program head's permission
3 hrs
3 cr.

Sophomore Year

ARB 15000 - Introduction to Modern Arab Cultures

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D A

This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.
ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic
 prereq: ARB 20200 or equiv.
3 hrs
3 cr.
- US Experience in Its Diversity
- Elective
- Elective

Spring

ARB 30200 - Advanced Arabic II

Continuation of ARB 30100
 prereq: ARB 30100 or equiv.
3 hrs
3 cr.
- World Cultures & Global Issues
- Elective
- Elective
- Elective

Junior Year

Fall

- Elective
- Elective
- Elective
- Hunter Focus: Concentrated Study
- ARB 200 level culture course in English

Spring

- ARB 200 level culture course in English
- Elective
- Elective
- Elective
- Elective

Senior Year
Fall

**ARB 30000 - Problems in Arabic Literature and Culture**

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the online class schedule.

**prereq or coreq:** ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.

3 hours
3 credits

**ARB 40100 - Focused Arabic Study for Advanced Students**

**Pluralism and Diversity**
P/D A

A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

**prereq:** ARB 30200

3 hrs
3 cr.

- Elective
- Elective
- Elective

Spring

**ARB 49000 - The Arabic Senior Capstone**

This capstone course is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project in Arabic. Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival surveys; annotated bibliographies; live and/or recorded artistic performances; exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications. The final project will evaluated mainly on the basis of the level, range, and linguistic accuracy of the Arabic that is used in it.

**prereq:** ARB 15000 and one 200-level ARB course

**coreq:** ARB 40100

3 hrs
3 cr.

- Elective
- Elective
- Elective
- Elective
Degree Map for Arabic BA (Non-Heritage Learner)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Arabic major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

*Hunter Core*

English Comp (EC)

*GER*

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

**ARB 20100 - Intermediate Arabic I**

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

*prereq: ARB 10200 or equiv.*

3 hrs

3 cr.

- Math & Quantitative Reasoning
- Scientific World
- Individual & Society/ Social Sciences

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

*Hunter Core*

English Comp (EC)

*GER*

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and
appreciation of literature as well as more extensive experience with academic writing.

**prereq: ENGL 12000**

3 hrs + one additional conference hour

3 cr.

**ARB 10200 - Beginning Arabic II**

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.

**prereq: ARB 10100 or permission of Head of Arabic Program.**

3 hrs

3 cr.

- Creative Expression
- Individual & Society/ Humanities
- Life and Physical Sciences

**Sophomore Year**

**Fall**

**ARB 15000 - Introduction to Modern Arab Cultures**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**

P/D A

This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs

3 cr.

**ARB 20100 - Intermediate Arabic I**

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

**prereq: ARB 10200 or equiv.**

3 hrs

3 cr.

- US Experience in Its Diversity
- Elective
- Elective
Spring

ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.

prereq: ARB 20100 or equiv.

3 hrs

3 cr.

- World Cultures & Global Issues
- Elective
- Elective
- Elective

Junior Year

Fall

ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic

prereq: ARB 20200 or equiv.

3 hrs

3 cr.

- Elective
- Elective
- Hunter Focus: Concentrated Study
- ARB 200 level culture course in English

Spring

ARB 30200 - Advanced Arabic II

Continuation of ARB 30100

prereq: ARB 30100 or equiv.

3 hrs

3 cr.

- Elective
- Elective
- Elective
- Elective

Senior Year

Fall

ARB 40100 - Focused Arabic Study for Advanced Students
Pluralism and Diversity

A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

prereq: ARB 30200
3 hrs
3 cr.

ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.
3 hours
3 credits
  • Elective
  • Elective
  • Elective

Spring

ARB 49000 - The Arabic Senior Capstone

This capstone course is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project in Arabic. Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival surveys; annotated bibliographies; live and/or recorded artistic performances; exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications. The final project will be evaluated mainly on the basis of the level, range, and linguistic accuracy of the Arabic that is used in it.

prereq: ARB 15000 and one 200-level ARB course
coreq: ARB 40100
3 hrs
3 cr.
  • Elective
  • Elective
  • Elective
  • Elective

Degree Map for Art History

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Art History major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter
Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf

- HCR - Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- HCR - Individual and Society: Social Sciences
- HCR - Scientific World

Spring

ARTH 11100 - Introduction to History of Art

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- Foreign Language - Elementary Level II
- HCR - Creative Expression
- HCR - Life & Physical Sciences

Sophomore Year

Fall

**ARTLA 20100 - Art Foundations: Seeing, Thinking, Making**

This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

Material fee: $25.00
4 hrs.
3 cr.

- ARTH - Major Distribution Area 1
- Foreign Language - Intermediate Level I
- HCR - US Experience in its Diversity
- ELECTIVE

Spring

**ARTH 30000 - Research Methods of Art History Seminar (W)**

**GER**

3/A

Training in fundamental methods of learning and writing about work of art through visual analysis and arthistorical research, focusing on a particular area in art history, and culminating in a substantial academic research paper. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTH 11100 and one 200-level art history course. Open only to Art History majors and minors and Studio Art majors.
3 hrs
3 cr.

- ARTH - Major Distribution Area 2
- Foreign Language - Intermediate Level II
- Elective
- Elective

Junior Year
Fall

- ARTH - Major Distribution Area 3
- ARTH - 200 or 300 Level Elective
- Elective
- Elective
- HCR - Concentrated Study

Spring

- ARTH - Major Distribution Area 4
- ARTH - 200 or 300 Level Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- ARTH - 400 Level Advanced Study Seminar
- Elective
- Elective
- Elective
- Elective

Spring

- ARTH - 200, 300 or 400 Level Elective
- Elective
- Elective
- Elective
- Elective

Degree Map for Bachelor of Social Work (BSW)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Art History major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year
Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf
3 cr.

PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.

• Math & Quantitative Reasoning
• Foreign Language Elementary Level 1
• Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour
3 cr.

• US Experience in Its Diversity
• Foreign Language Elementary Level 2
• World Cultures & Global Issues
• Individual and Society/ Humanities
Sophomore Year

Fall

**SW 20100 - Introduction to Social Work**

Introduces the beginning student to the philosophy, mission and challenges of social work. It provides a broad overview of the history, values, ethics, knowledge base, as well as populations we work with, and some of the practice methods and interventions we use to ameliorate problems.

course was formerly named SOC 23100

*prereq: ENGL 12000; SOC 10100 or PSYCH 10000*

3 hrs

3 cr.

- Life & Physical Sciences
- Foreign Language Intermediate Level 3
- Creative Expression
- Expression

Spring

- Foreign Language Intermediate Level 4
- Elective
- Elective
- Elective
- Elective

Junior Year

Fall

**SW 31000 - Social Work Practice and Learning LAB I**

Social Work Practice Lab (PL) I, is the first part of a two-semester foundation course that introduces the BSW student to professional social work practice with individuals, families, groups, organizations and communities.

*prereq: SW 20100 Introduction to Social Work*

*coreq: SW 33000 Human Behavior and the Social Environment I ; SW 32000 Social Work Policy I*

3 hrs.

3 cr.

fall only

**SW 32000 - Introduction to Social Welfare Policy & Services**

Provides students with orienting knowledge and skills needed to examine social welfare policies and to understand their relevance to social service delivery and practice.

*prereq: SW 20100*

*coreq: SW 31000, SW 33000*
3 hrs.
3 cr.
fall only

**SW 33000 - Human Behavior in the Social Environment I**

Provides a foundation for students to make conceptual linkages between multiple formulations of the person-environment configuration in understanding the complexities of human behavior, while paying specific attention to both social diversity and human development.

*prereq: SW 20100
coreq: SW 31000, SW 32000
3 hrs
3 cr.
fall only
- Elective
- Elective*

Spring

**SW 31100 - Social Work Practice and Learning LAB II**

Social Work Practice Lab (PL) II, is the second part of a two-semester foundation course and builds on the foundational issues and generalist practice approach in Social Work Practice Lab I.

*prereq: SW 21000, SW 32000, SW 33000, SW 31000
3 hrs.
3 cr.
spring only

**SW 34000 - Social Work Policy in Child Welfare**

This course is designed to help students understand the current and historical context of child welfare policies and programs in New York and the United States; the major issues in child welfare; policy frameworks; and services and practices in the child welfare arena.

*prereq: SW 20100, SW 31000, SW 32000
coreq: SW 31100, SW 33100
3 hrs.
3 cr.
spring only

**SW 33100 - Human Behavior in the Social Environment II**

Continuation of the two-semester course (SW 33000/33100). It builds on a foundation of knowledge on "human behavior in the social environment" for social work practice with individuals, families, groups, organizations and communities.

*prereq: SW 20100, SW 33000
coreq: SW 34000
3 hrs.
3 cr.*
Senior Year

Fall

**SW 41000 - Social Work Practice in Child Welfare I**

Social Work Practice in Child Welfare I is designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.

*prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 34000*

*coreq: SW 43000, 45000*

3 hrs

3 cr.

fall only

**SW 43000 - Integrative Seminar I**

This is the first part of a two-semester Integrative Seminar taken in conjunction with field placements. Students are taught how to use assessment, planning, intervention and evaluation paradigms to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

*prereq: SW 20100, 31000, 31100, 33000, 31100, 32000; 34000 -or- 35000*

*coreq: SW 41000 -or- 42000; SW 45000*

3 hrs

3 cr.

fall only

**SW 44000 - Social Work Research**

An introduction to basic research methods within the context of social work practice.

*prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 34000 -or- 35000*

3 hrs

3 cr.

fall only

**SW 45000 - Social Work Field Instruction I**

Field Work and Field Instruction is a 14 hour per week formal internship. It connects social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

*prereq: SW 31000, 31100, 32000, 34000, or SW 35000, 33000, 33100*

*coreq: Social Work Practice in Child Welfare I, SW 41000 or Social Work Practice in Care Coordination I, SW 420, Social Work Research, SW 44000, Integrative Field Seminar I, SW 43000*
Spring

SW 41100 - Social Work Practice in Child Welfare II

The 2nd semester of a year long practice course designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 34000, 41000
coreq: SW 43100, 45100
3 hrs
3 cr.
spring only

SW 43100 - Integrative Seminar II

This is the second semester skills building Integrative Seminar taken in conjunction with field placements. The assessment, planning, intervention and evaluation paradigms are used to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 35000 -or- 34000; 43000, 45000
coreq: SW 41100 -or- 42100; 45100
3 hrs
3 cr.
spring only

SW 45100 - Social Work Field Instruction II

This is the second semester of the year-long, 14 hour per week, course in Field work and Field Instruction that integrates social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

prereq: SW 45000
coreq: SW 41100 or SW 42100, SW 43100
3 hrs
3 cr.

• Elective
• Elective

Notes:

• Students will be considered for admission if they have between 55 and 80 credits and an overall GPA of 2.75.
• Students must have taken and received a grade of B or better, in the Introduction to Social Work course SW 20100 or SOC 23100.
• *SOC 101 satisfies the I&S/SS requirement but PSYCH 100 does not. If students choose PSYCH 100 in their first semester, they will need to choose another I&S/SS course to satisfy this requirement.
Degree Map for Biological Sciences: Behavioral Neurobiology
BA

Degree Map for Biology: Basic Concentration

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

• CHEM 10200 (STEM) General Chemistry I
• MATH 12550 (STEM) Precalculus with Workshop
• ENGL 12000 Expository Writing
• Foreign Language Requirement - Elementary Level 1
• Individual and Society (Social Sciences) I&S SS

Spring

• BIOL 10000 (STEM) Principles of Biology I
• CHEM 10400 (STEM) General Chemistry II
• CHEM 10600 (STEM) General Chemistry Laboratory
• ENGL 22000 Introduction to Writing about Literature (W)
• FOREIGN LANGUAGE Elementary Level 2

Sophomore Year

Fall

• BIOL 10200 (STEM) Principles of Biology II
• CHEM 22200 Organic Chemistry Lecture I
- PSYCH 10000 Introduction to Psychology
- FOREIGN LANGUAGE Intermediate Level 3

Spring

- BIOL 20300 Molecular Biology and Genetics
- CHEM 22400 Organic Chemistry Lecture II
- MATH 15000 (STEM) Calculus I
  -or-
  - MATH 15200 (STEM) Calculus for Life and Social Sciences
  - Foreign Language Requirement - Intermediate Level 4

Junior Year

Fall

- BIOL 30000 Biological Chemistry
- PHYS 11000 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound
  -or-
  - PHYS 11100 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound
- PSYCH 24800 Statistical Methods in Psychological Research
- ELECTIVE

Spring

- BIOL 30300 Cell Biology
- PHYS 12000 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
  -or-
  - PHYS 12100 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
- PSYCH 25000 Experimental Psychology: General
- Individual and Society (Humanities) I&S H

Senior Year

Fall

- Major ELECTIVE
- Major ELECTIVE
- Creative Expression (CE)
- US Experience in Its Diversity (USED)
- World Cultures & Global Issues (WCGI)

Spring
- Major ELECTIVE
- BIOL 47000/BIOL 47100 Seminar
- ELECTIVE
- ELECTIVE
- ELECTIVE (if needed)

Notes:

Students who do not place into MATH 12550 should begin with MATH 10100 Algebra. The sequence is as follows – MATH 10100 – MATH 12550.

Map is shifted by one semester and still allows for completion of the major in 4 years.

BIOL 10000 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

Students interested in completing Honors work during their senior year should consult an adviser prior to selecting Biology 300/400 level electives.

BIOL 10000 and 10200 may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.

Degree Map for Biological Sciences: Bioinformatics BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

- CHEM 10200 (STEM) General Chemistry I
- MATH 12550 (STEM) Precalculus with Workshop
- ENGL 12000 Expository Writing
- FOREIGN LANGUAGE Elementary Level I
- Individual and Society (Social Sciences) I&S SS

Spring

BIOL 10000 (STEM) - Principles of Biology I
**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**

PD/C or D

GER

2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

Prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

Spring only

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)

GER

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

Prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)

4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**

GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

Prereq: CHEM 10200

Coreq: CHEM 10400

6 hrs

3 cr.

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)

GER
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000  
3 hrs + one additional conference hour  
3 cr.

- FOREIGN LANGUAGE Elementary Level 2

### Sophomore Year

### Fall

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**  
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**prereq:** CHEM 10400 with a grade of C or better  
5- 6 hrs (4 lec, 1-2 recitation/workshop)  
4 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**  
Math/Quantitative Reasoning  
**GER**  
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam  
3 hrs  
3 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**  
Math/Quantitative Reasoning  
**GER**  
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.  
4 hrs  
4 cr.
Spring

**BIOL 20300 - Molecular Biology and Genetics**

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

*prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

**CHEM 22400 - Organic Chemistry Lecture II**

**GER**
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

- **FOREIGN LANGUAGE Intermediate Level 4**

Junior Year

Fall
BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

-or-

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of
UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.

prereq: none
3 hrs
3 cr.

- ELECTIVE

Spring

BIOL 30300 - Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

-or-

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

*prereq: PHYS 11000 or 11100*

*prereq or coreq: (with perm dept.): MATH 15500*

8 hrs (4 lec, 3 lab, 1 rec)

5.5 cr.

**CSCI 23200 - Relational Databases and SQL Programming, with Lab**

**GER**

3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.

Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

*prereq: CSCI 12700 or CSCI 13200*

3 hrs

3 cr.

- Individual and Society (Humanities) I&S H

**Senior Year**

**Fall**

- Creative Expression (CE)
- US Experience in Its Diversity (USED)
- World Cultures & Global Issues (WCGI)
- ELECTIVE (if needed)

**Spring**

- BIOL 42500 Computational Molecular Biology
- Major elective
- Major elective
- ELECTIVE
- ELECTIVE (if needed)

**Notes:**

Students who do not place into MATH 12550 should begin with MATH 10100 Algebra. The sequence is as follows – MATH 10100 – MATH 12550 – MATH 15000 -MATH 15500. If you begin with MATH 10100, the DegreeMap is shifted by one semester and still allows for completion of the major in 4 years.

BIOL 10000 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.
Students interested in completing Honors work during their senior year should consult an adviser prior to selecting Biology 300/400 level electives.

BIOL 100 and 102 may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.

A total of 8 elective credits are required for Biology/Bioinformatics:

BIOL 41719 (Biomedical Genomics I, Fall) or BIOL47120 (Biomedical Genomics II, Spring): one of the two is required; count towards Biology 470/471 requirement

BIOL 37500 (Molecular Evolution, Fall), CHEM 33300 (Computational Drug Discovery, Spring), STAT 31900 (Bayesian Inference, Fall): one is required; count towards Biology lecture elective requirement

BIOL 47105 (Python Programming for Bioinformatics; not regularly offered), BIOL 47083 (Bioinformatics Workshop; not regularly offered)

BIOL48002 (Introduction to Experimental Biology; 2 cr): require a faculty sponsorship; count towards research requirements for Biology honors.

**Degree Map for Biological Sciences: Biophysics BA**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

**Freshman Year**

**Fall**

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.*
MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

**prereq:** MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500

5 hrs (4 hrs lecture, 1 hr recitation)

4 cr.

ENGL 12000 - Expository Writing

**Hunter Core**

English Comp (EC)

**GER**

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq:** successful completion of developmental courses, if required

3 hrs + conf

3 cr.

- FOREIGN LANGUAGE Elementary Level 1
- Individual and Society (Social Sciences) I&S SS

Spring

BIOL 10000 (STEM) - Principles of Biology I

**Hunter Core**

Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**

PD/C or D

**GER**

2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

spring only
CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- FOREIGN LANGUAGE Elementary Level 2

Sophomore Year

Fall

BIOL 10200 (STEM) - Principles of Biology II
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**

PD/C or D

**GER**

2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN*

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 10400 with a grade of C or better*

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

**MATH 15000 (STEM) - Calculus I**

Hunter Core
Math/Quantitative Reasoning

**GER**

1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs

4 cr.

• FOREIGN LANGUAGE Intermediate Level 3

**Spring**

**CHEM 22400 - Organic Chemistry Lecture II**

**GER**

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better*
MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs

4 cr.

- FOREIGN LANGUAGE Intermediate Level 4
- ELECTIVE

Junior Year

Fall

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10

prereq: Open only for majors.

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

prereq or coreq: coreq (with perm dept.): MATH 15000

8 hrs (4 lec, 3 lab, 1 rec)

5.5 cr.
MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

Spring

• PHYS 12100 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
• Individual and Society (Humanities) I&S H
• ELECTIVE
• ELECTIVE

Senior Year

Fall

• PHYS 33000 Atomic and Nuclear Physics
• Creative Expression (CE)
• US Experience in Its Diversity (USED)
• World Cultures & Global Issues (WCGI)
• Major ELECTIVE

Spring

PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws.

prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr.

PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of macromolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.

prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
4 cr.

• Major ELECTIVE
• ELECTIVE
Notes:

Students who do not place into MATH 12550 should begin with MATH 101 Algebra. The sequence is as follows – MATH 10100 – MATH 12500 – MATH 15000-MATH 15500. If you begin with MATH 10100, the Degree Map is shifted by one semester and still allows for completion of the major in 4 years.

BIOL 10000 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

Students interested in completing Honors work during their senior year should consult an adviser prior to selecting Biology 300/400 level electives.

BIOL 10000 and 10200 may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.

**Degree Map for Biology: Basic Concentration**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

**Freshman Year**

**Fall**

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**

Scientific World (SW); Life and Physical Sciences (LPS)

**GER**

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500*

5 hrs (4 lec, 1 rec)

4 cr.

**MATH 12500 (STEM) - Precalculus**
**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*

4 hrs

4 cr.

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
**GER**
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

- Foreign Language Elementary Level 1
- Individual & Society/ Social Sciences

**Spring**

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

spring only

**CHEM 10400 (STEM) - General Chemistry II**
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better
*5 hrs (4 lec, 1 rec)
*4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200
*coreq: CHEM 10400
*6 hrs
*3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)

GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000
*3 hrs + one additional conference hour
*3 cr.

• Foreign Language Elementary Level 2

Sophomore Year

Fall

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

### CHEM 22200 - Organic Chemistry Lecture I

**GER**
**GER 3/B**
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**prereq:** CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

### CHEM 22300 - Organic Chemistry Laboratory I

**GER**
3/B
Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register
**prereq:** CHEM 10500 OR CHEM 10600 OR CHEM 11200
**coreq:** CHEM 22301
**prereq or coreq:** CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

- Foreign Language Intermediate Level 3

### Spring

**BIOL 20300 - Molecular Biology and Genetics**

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.
prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.  
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)  
coreq: CHEM 22200, 22300 or perm instr.  
7 hrs  
4.5 cr.  
spring only

**CHEM 22400 - Organic Chemistry Lecture II**

GER  
GER 3/B  
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.  
prereq: CHEM 22200 with a grade of C or better  
5-6 hrs (4 lec, 1-2 recitation/workshop)  
4 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**  
Math/Quantitative Reasoning  
GER  
1/B  
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.  
4 hrs  
4 cr.  
- Foreign Language Intermediate Level 4

**Junior Year**

**Fall**

**BIOL 30000 - Biological Chemistry**

GER  
3/B  
Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.  
Material Fee: $10  
prereq: Open only for majors.  
7 hrs (3 lec, 3 lab, 1 disc)  
4.5 cr.  
fall only
PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
*prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
*prereq: grade of C or better in MATH 15000
4 hrs
4 cr.
- 300/400 level BIOL electives

Spring

BIOL 30300 - Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing an integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5. Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

*prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

- 300/400 level electives
- Individual and Society/ Humanities

Senior Year

Fall

- 300/400 level BIOL electives
- Creative Expression
- US Experience in Its Diversity
- World Cultures & Global Issues
- Elective (If needed)

Spring

- 300 and 400 level BIOL electives
- Elective
- Elective
- Elective
- Elective (If needed)

Degree Map for Chemistry Major I

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year
Fall

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

Spring

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus. 

prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

Sophomore Year

Fall

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy. 
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 2204 OR CHEM 2206
CHEM 24900 - Quantitative Analysis

GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.
fall

MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

Spring

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500 - Organic Chemistry Laboratory II

GER

3/B

Continuation of CHEM 22300.

prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

prereq: MATH 25000

3 hrs
3 cr.

CHEM 29101 - Chemical Investigations

Pluralism and Diversity
GER 3/B

This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.

In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000

Course is repeatable

prereq: Department Consent Required

4 hrs
1 cr.

- US Experience in Its Diversity
- Foreign Language Elementary Level 1

Junior Year

Fall

CHEM 35200 - Physical Chemistry I

GER
3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

prereq: CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better

3 hrs
3 cr.
offered fall

CHEM 35500 - Physical Chemistry Laboratory I
Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.

**prereq:** CHEM 24900
**prereq or coreq:** CHEM 35200
3 hrs
1.5 cr.
offered fall

**CHEM 36600 - Inorganic Chemistry**

Treatment of structure, bonding and reactivity of inorganic compounds.

**prereq:** CHEM 35200 with grade of C or better
3 hrs
3 cr.
offered fall

- Individual and Society/ Social Sciences
- Foreign Language Elementary Level 2

**Spring**

**CHEM 35600 - Physical Chemistry II**

Selected topics from quantum chemistry, molecular structure, and spectroscopy.

**prereq:** PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better
3 hrs
3 cr.
offered spring

**CHEM 35700 - Physical Chemistry Laboratory II**

**Pluralism and Diversity**

Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

**prereq:** CHEM 24900 or perm chair

**prereq or coreq:** CHEM 35600
3 hrs
1.5 cr.
offered spring
CHEM 29102 - Chemical Investigations

Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.
In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000.
Course is repeatable
prereq: CHEM 22400, perm chair
8 hrs
2 cr.

Senior Year

Fall

CHEM 37600 - Biochemistry I

GER
3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

• Creative Expression
• Foreign Language Intermediate Level 4

CHEM 32200 - Organic Chemistry Lecture III

GER
3/B
Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.

prereq: Chem 22404 with a grade of C or better OR Chem 22406 with a grade of C or better
3 hrs
3 cr.
offered fall

Spring

CHEM 34900 - Instrumental Analysis
Pluralism and Diversity
GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

*prereq: CHEM 35400 or 35600 with grade of C or better with 35500
8 hrs (2 lec, 6 lab)
5 cr
offered spring

- World Cultures & Global Issues
- Individual and Society/ Humanities
- Elective (If needed)
- Elective (If needed)

Notes:

Students who place below MATH 15000: please note the following Math sequence:

MATH 10100 – MATH 12400, MATH 12500 or MATH 12550– MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

*CHEM 11100 and CHEM 11200 are sequence options in place of CHEM 10200, CHEM 10400 and CHEM 10600

If taking CHEM 11100, this is a special honors course and is a prerequisite for CHEM 11200.

In Junior and senior year, a 300-level chemistry course must be taken.

CHEM 32200 is recommended elective but CHEM 37700 can also be taken. All electives require departmental permission.

Degree Map for Chemistry Major II -Option 1

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall
CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. 
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.
Spring

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

**prereq:** PHYS 11000 or 11100
**prereq or coreq:** (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

**Sophomore Year**

**Fall**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)
**GER**
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000
3 hrs + one additional conference hour
3 cr.

**MATH 25000 - Calculus III**

**GER**
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**prereq:** MATH 15500, MATH 15600
4 hrs
4 cr.

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**prereq:** CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

**CHEM 22300 - Organic Chemistry Laboratory I**

**GER**
3/B
Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register

prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301

prereq or coreq: CHEM 22204 OR CHEM 22206

3 hrs

2.5 cr.

Spring

CHEM 22400 - Organic Chemistry Lecture II

GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

CHEM 22500 - Organic Chemistry Laboratory II

GER

3/B

Continuation of CHEM 22300.

prereq: CHEM 22300

prereq or coreq: CHEM 22400

4 hrs

2.5 cr

• FOREIGN LANGUAGE Elementary Level 1
• US Experience in Its Diversity (USED)
• ELECTIVE

Junior Year

Fall

CHEM 24900 - Quantitative Analysis

GER

GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and
fluorescence.

**prereq:** CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.
fall

- FOREIGN LANGUAGE Elementary Level 2
- Individual and Society (Social Sciences) I&S SS
- ELECTIVE

**Spring**

**CHEM 34900 - Instrumental Analysis**

**Pluralism and Diversity**
GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

**prereq:** CHEM 35400 or 35600 with grade of C or better with 35500
8 hrs (2 lec, 6 lab)
5 cr
offered spring

- ELECTIVE
- Individual and Society (Humanities) I&S H
- FOREIGN LANGUAGE Intermediate Level 3

**Senior Year**

**Fall**

**CHEM 35200 - Physical Chemistry I**

**GER**
3/B
Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

**prereq:** CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better
3 hrs
3 cr.
offered fall

**CHEM 35500 - Physical Chemistry Laboratory I**

**GER**
3/B
Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.

prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr.
offered fall

- Creative Expression (CE)
- FOREIGN LANGUAGE Intermediate Level 4
- ELECTIVE

Spring

CHEM 35600 - Physical Chemistry II

GER
GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.

prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better
3 hrs
3 cr.
offered spring

CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

prereq: CHEM 24900 or perm chair

prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring

- World Cultures & Global Issues (WCGI)
- Individual and Society (Humanities) I&S H
- ELECTIVE (if needed)
- ELECTIVE (if needed)

Notes:

For students who place below MATH 15000, please note the following Math sequence:
• MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

• *CHEM 111 and CHEM 112 are sequence options in place of CHEM 102, CHEM 104 and CHEM 106

• If taking CHEM 111, this is a special honors course and is a prerequisite for CHEM 112.

• CHEM 34900 is the recommended elective but CHEM 32200, 36600, 39200, 37600 or 38800 are acceptable. All electives require departmental permission.

• In Junior and senior year, a 300-level chemistry course must be taken.

Degree Map for Chemistry Major II -Option 2

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

• CHEM 10200 (STEM) General Chemistry I
• MATH 15000 (STEM) Calculus I
• ENGL 12000

Spring

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning

GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

CHEM 10400 (STEM) - General Chemistry II
**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
Pluralism and Diversity  
GER 2/E  
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.  
Primarily for pre-med, medical laboratory sciences and science majors.  
*prereq: CHEM 10200*  
*coreq: CHEM 10400*  
6 hrs  
3 cr.

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
Pluralism and Diversity  
GER 2/E  
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.  
Material Fee: $5  
PD credit awarded only upon completion of BIOL 10000 and 10200.  
*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*  
7 hrs (3 lec, 3 lab, 1 disc)  
4.5 cr.  
*spring only*
ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy. Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously. Note: Students must register

prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology. Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

Spring

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500 - Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.

prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
  • FOREIGN LANGUAGE Elementary Level 1
  • US Experience in Its Diversity (USED)

Junior Year

Fall
CHEM 37600 - Biochemistry I

GER 3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or PHYS 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

• CHEM elective (CHEM 24900 is recommended but CHEM 32200, CHEM 36600, CHEM 36900, CHEM 37000, CHEM 37100, CHEM 36800, CHEM 33300, CHEM 39200, or CHEM 38800 are acceptable.) All electives require departmental permission.
• Individual and Society (Social Sciences) I&S SS

Spring

CHEM 37700 - Biochemistry II

GER 3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs
3 cr.

CHEM 37800 - Biochemistry Laboratory (W)

GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.

prereq: ENGL 12000, CHEM 22500 with grade of C or better
prereq or coreq: CHEM 37700 or CHEM 64100
5 hrs (4 lab, 1 rec)
3 cr.

CHEM 35000 - Biophysical Chemistry

Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better
5 hrs (4 lec, 1 rec)
4 cr
• Individual and Society (Humanities) I&S H
• FOREIGN LANGUAGE Intermediate Level 3

Senior Year

Fall

• Creative Expression (CE)
• FOREIGN LANGUAGE Intermediate Level 4

Spring

• World Cultures & Global Issues (WCGI) &nbsp;
• Individual and Society (Humanities) I&S H
• ELECTIVE (if needed)
• ELECTIVE (if needed)

Notes:

Students who place below MATH 15000: please note the following Math sequence:

MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

*CHEM 11100 and CHEM 11200 are sequence options in place of CHEM 10200, CHEM 10400 and CHEM 10600

If taking CHEM 11100, this is a special honors course and is a prerequisite for CHEM 11200.

In junior and senior year, a 300-level chemistry course must be taken.

For Chemistry Elective, CHEM 24900 is recommended but CHEM 32200, CHEM 36600, CHEM 39200, CHEM 33300, CHEM 36000, CHEM 36800, CHEM 36900, CHEM 37000, CHEM 37100, CHEM 38800 or CHEM 38800 are acceptable.) All electives require departmental permission.
Degree Map for Chinese

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chinese major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

CHIN 10100 - Elementary Chinese I

Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

• HCR - Math & Quantitative Reasoning
• HCR - Individual and Society: Social Sciences

Spring

CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring
ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- HCR - Scientific World
- HCR - Creative Expression

Sophomore Year

Fall

CHIN 20100 - Intermediate Chinese I

Reading of literature in baihua (vernacular style) with emphasis on structural use of “function words” and vocabulary-building.

prereq: CHIN 10200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 11100 - Chinese Culture I

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.

3 hrs
3 cr.

- HCR - Life & Physical Sciences
- ELECTIVE
- ELECTIVE

Spring

CHIN 20200 - Intermediate Chinese II
Continued reading of literature in *baihua*.

*prereq: CHIN 20100 or equiv.*

*3 hrs*

*3 cr.*

*offered spring*

- HCR - Individual & Society: Humanities
- HCR - US Experience in its Diversity
- ELECTIVE
- ELECTIVE

**Junior Year**

**Fall**

**CHIN 30100 - Journalistic Chinese Literature I**

Intensive reading of literature and essays written in journalistic style.

*prereq: CHIN 20200 or equiv.*

*3 hrs*

*3 cr.*

*offered fall*

**CHIN 30300 - Classical Chinese Literature I**

Intensive study of literature written in *wenyan* or classical style, with attention to basic structures of literary styles.

*prereq: CHIN 20200 or equiv.*

*3 hrs*

*3 cr.*

*offered fall*

**CHIN 30600 - 20th-century Chinese Literature**

**Pluralism and Diversity**

PD/A

Selected readings of leading thinkers and writers.

*prereq: CHIN 20200 or equiv.*

*3 hrs*

*3 cr.*

- HCR - Concentrated Study
- ELECTIVE

**Spring**

**CHIN 30200 - Journalistic Chinese Literature II**

Intensive reading and translation of literature written in journalistic style.

*prereq: CHIN 30100 or equiv.*

*3 hrs*
CHIN 30400 - Classical Chinese Literature II

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.  
prereq: CHIN 303 or equiv.  
3 hrs  
3 cr.  
offered spring

- ELECTIVE  
- ELECTIVE  
- ELECTIVE  

Senior Year  

Fall

CHIN 30700 - Classical Chinese Poetry

Pluralism and Diversity  
PD/A  
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.  
prereq: CHIN 30400 or equiv.  
3 hrs  
3 cr.

CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity  
PD/A  
GER 3/A  
Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.  
prereq: ENGL 12000  
3 hrs  
3 cr.

CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.  
prereq: CHIN 30200 or equiv, perm chair  
3 hrs  
3 cr.  

- ELECTIVE  
- ELECTIVE
Spring

**CHIN 40100 - Advanced Studies in Chinese Literature**

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.  
*prereq: CHIN 30200 or equiv, perm chair*  
3 hrs  
3 cr.

**CHIN 35700 - Chinese Poetry in English Translation (W)**

Pluralism and Diversity  
PD/A  
GER  
3/A  

Major poets from the earliest times to the present day, with emphasis on the Tang period.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**CHIN 40200 - Independent Study in Chinese Literature**

Independent study and research in Chinese literature under supervision of a faculty member.  
For majors only.  
*prereq: CHIN 40100, perm chair*  
3 hrs  
3 cr.  

- ELECTIVE  
- ELECTIVE

**Degree Map for Classical Archaeology**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Classical Archaeology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor.  
Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

**Freshman Year**

**Fall**

**ENGL 12000 - Expository Writing**
Hunter Core

English Comp (EC)

GER

1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

- Math & Quantitative Reasoning
- GRK 101 -or- LAT 101
- Individual & Society/ Humanities
- US Experience in its Diversity

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core

English Comp (EC)

GER

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

CLA 10100 - Classical Mythology

Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/D

GER

2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.

3 hrs

3 cr.

- GRK 102 -or- LAT 102
- Individual & Society/ Social Sciences
- Scientific World

Sophomore Year
Fall

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

prereq: ENGL 12000
3 hrs
3 cr.

- CLA 201 -or- CLA 203
- Life and Physical Sciences
- GRK or LAT 110
- Elective

Spring

CLARC 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs
3 cr.

offered every sem.

- Creative Expression
- Foreign Language Intermediate Level 2
- Elective

Junior Year
Fall

CLARC 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.

prereq: ENGL 12000; CLARC 20400
3 hrs
3 cr.

- CLARC 22100 Greek Archaeology (W)
- Concentrated Study
- Elective
- Elective

Spring

CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity
PD/D
GER
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.

prereq: ENGL 12000; CLARC 20300 -or- CLARC 20400
3 hrs
3 cr.
fall only

- CLA or ANTHC - Archaeology Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- CLA or ANTHC - Archaeology Elective
- CLA - Classical Archaeology Elective
- CLA - Honors or Elective
- Elective
- Elective
Degree Map for Classical Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Classical Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

• Math & Quantitative Reasoning
• GRK 101 Beginning Ancient Greek 1 or LAT 101 Beginning Latin 1
• Individual & Society/ Humanities
• US Experience in its Diversity

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour

3 cr.

**CLA 10100 - Classical Mythology**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/D

**GER**
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.

3 hrs

3 cr.

- GRK 102 Beginning Ancient Greek 2 or LAT 102 Beginning Latin 2
- Individual & Society/ Social Sciences
- Scientific World

**Sophomore Year**

**Fall**

**CLA 20100 - Greek Civilization (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/D

**GER**
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.

**prereq:** ENGL 12000

3 hrs

3 cr.

- Life & Physical Sciences
- GRK 21100 Ancient Greek Reading: Prose or LAT 21100 Latin Reading: Prose
- Elective
- Elective

**Spring**

**CLA 20300 - Roman Civilization (W)**
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.

prereq: ENGL 12000
3 hrs
3 cr.

- Creative Expression
- GRK 21200 Ancient Greek Reading: Poetry or LAT 21200 Latin Reading: Poetry
- Elective
- Elective

Junior Year

Fall

- CLA 200 or 300 Level Elective
- Elective
- Elective
- Elective
- Elective

Spring

- CLA 200 or 300 Level Elective
- Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- CLA Honors or Elective
- CLA Honors or Elective
- Greek or Latin 300 Level or Elective
- Elective
- Elective

Spring

- Elective
- Elective
- Elective
- Greek or Latin 300 Level or Elective
- Elective

Notes:

- Classical Studies Majors must complete at least 12 credits of either Ancient Greek or Latin.
- Students completing LAT 107, Intensive Latin, do not need to take LAT 101 or LAT102.
- Majors must take 12 credits of CLA courses, including two courses at 300 level. CLA 101 does not count toward Classical Studies major.
- At least 6 credits (2 courses) of CLA classes must be at the 300 level.
- Students who wish to graduate with honors in the major must take CLA 491.

Degree Map for Comparative Literature

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Comparative Literature major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

_Hunter Core_

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

_prereq: successful completion of developmental courses, if required_

3 hrs + conf

3 cr.

- HCR - Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- HCR - Scientific World
- HCR - US Experience in its Diversity

Spring
ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- HCR - Life and Physical Sciences
- Foreign Language - Elementary Level II
- HCR - Individual and Society: Humanities
- ELECTIVE

Sophomore Year

Fall

- HCR - Creative Expression
- HCR - Individual and Society: Social Sciences
- Foreign Language - Intermediate Level I
- ELECTIVE
- ELECTIVE

Spring

COMPL 30100 - Seminar: Approaches to Comparative Literature

Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary. Required of all majors in comparative literature.

3 hrs
3 cr.

- Foreign Language - Intermediate Level II
- ELECTIVE
- ELECTIVE
- ELECTIVE

Junior Year

Fall
• COMP - 300 Level Elective
• COMP - 300 Level Elective
• HCR - Concentrated Study
• LIT - Elective
• ELECTIVE

Spring

• COMP - 300 Level Elective
• LIT - Elective
• LIT - Elective
• ELECTIVE
• ELECTIVE

Senior Year

Fall

• LIT - Elective
• LIT - Elective
• ELECTIVE
• ELECTIVE

COMPL 39000 - Honors Project

_prereq: completion of 9 cr. in COMP-prefixed courses
3 hrs
3 cr.

Spring

COMPL 39100 - Honors Project

_prereq: completion of 9 cr. in COMP-prefixed courses
3 hrs
3 cr.

• LIT - Elective
• LIT - Elective
• ELECTIVE
• ELECTIVE

Degree Map for Computer Science

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Computer Science major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter
Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**  
English Comp (EC)

**GER**  
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.  
*prereq: successful completion of developmental courses, if required*  
3 hrs + conf  
3 cr.

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**  
Math/Quantitative Reasoning

**GER**  
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.  
*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*  
4 hrs  
4 cr.

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**  
Individual & Society - Humanities (I&S H)

**GER**  
2/C

Social, political, and economic factors that determine and shape products of media organizations.  
3 hrs  
3 cr.
CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.
- Foreign Language Elementary Level 1

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

- Foreign Language Elementary Level 2

Sophomore Year

Fall

CSCI 13500 - Software Analysis and Design I

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

prereq: CSCI 12700 or equivalent and MATH 12400, or 12500, or 12550, or 15000, or 15200, or 15500.
5 hrs (3 hours lecture, 2 hours recitation)
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.
prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

- Foreign Language Intermediate Level 3
- Individual & Society/ Social Sciences

Spring

CSCI 16000 - Computer Architecture I

GER
3/B
Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.

prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr.

CSCI 23500 - Software Analysis and Design II

GER
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.

prereq: CSCI 13500, 15000; MATH 15000
3 hrs
3 cr.

MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

• Foreign Language Intermediate Level 4
• US Experience in Its Diversity

Junior Year

Fall

CSCI 33500 - Software Analysis and Design III

GER
3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

prereq: CSCI 23500, MATH 15500
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics
Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*

3 hrs
3 cr.

- World Cultures & Global Issues
- Life and Physical Sciences
- Creative Expression

Spring

CSCI 26500 - Computer Theory I

GER
3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

*prereq: CSCI 16000 or 14500; MATH 15000*

3 hrs
3 cr.

CSCI 26000 - Computer Architecture II

GER
3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.

*prereq: CSCI 13500, 16000 or 24500; MATH 15000*

3 hrs
3 cr.

- CSCI Elective
- Elective
- Elective

Senior Year

Fall

CSCI 34000 - Operating Systems
Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.

*prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300

3 hrs
3 cr.

- CSCI Elective
- CSCI Elective
- Elective
- Elective

Spring

CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages.

*prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.

4 hrs
4 cr.

- CSCI Elective
- Elective
- Elective
- Elective

Notes:

- If students do not place into MATH 125 or higher, they should enroll in MATH 101 or MATH 101EN for the first semester (the major may still be completed in four years but student should speak with an advisor to plan sequencing)
- ALL CSCI and MATH courses must be passed with a C or higher
- **CSCI 136 Supervised Programming Lab is recommended but is not a required major course
- ***MATH 156 is recommended if student plans on completing a math minor. Students can opt for any 1 credit elective to ensure eligibility for the NY State Excelsior Scholarship (a minimum of 30 credits per year must be completed to remain eligible).

Degree Map for Computer Science: Bioinformatics

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Computer Science major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a
minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

CSCI 12700 - Introduction to Computer Science (STEM)
Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.
- Foreign Language Elementary Level 1

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

CSCI 13500 - Software Analysis and Design I

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

prereq: CSCI 12700 or equivalent and: MATH 12400, or 12500, or 12550, or 15000, or 15200, or 15500.
5 hrs (3 hours lecture, 2 hours recitation)
4 cr.

Sophomore Year
Fall

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. 

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs

4 cr.

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500*

5 hrs (4 lec, 1 rec)

4 cr.

**CSCI 16000 - Computer Architecture I**

**GER**
3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.

*prereq: CSCI 12700, CSCI 15000*

3 hrs

3 cr.

- Foreign Language Intermediate Level 3
- Individual & Society/ Social Sciences

Spring

**CSCI 23500 - Software Analysis and Design II**

**GER**
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and
some searching and sorting algorithms.

prereq: CSCI 13500, 15000; MATH 15000
3 hrs
3 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

- Foreign Language Intermediate Level 4

Junior Year
Fall

CSCI 33500 - Software Analysis and Design III

GER
3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

 prerequisites: CSCI 23500, MATH 15500
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

 prerequisites: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

 primarily for premed, medical laboratory sciences and science majors.

 prerequisites: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

 primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

• US Experience in its Diversity

Spring

CSCI 26500 - Computer Theory I

GER
3/B
Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr.

CSCI 34000 - Operating Systems

GER
3/B
Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.
prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr.

MATH 16000 - Matrix Algebra

GER
1/B
Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only
  • Elective****

Senior Year

Fall

**CSCI 43500 - Database Management**

**GER**

3/B

Hierarchical and network databases; theory of relational databases; normalization theory; query languages.

prereq: CSCI 33500

3 hrs

3 cr.

**STAT 31900 - Bayesian Statistical Inference in the Sciences**

**GER**

3/B


prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).

Prerequisites waived for students who have passed STAT 311.

Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs

3 cr

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

  • World Cultures & Global Issues
  • Elective
Spring

BIOL 42500 - Computational Molecular Biology

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

3 hrs
3 cr.

- CSCI 493-71 Seminar: Big Data
- Creative Expression
- Elective
- Elective

Notes:

- ALL CSCI, MATH/STAT, CHEM, and BIOL courses must be passed with a C or higher
- * If students do not place into MATH 125 or higher, they should enroll in MATH 101 or MATH 101EN for the first semester
- ** MATH 156 is not required but is recommended if student plans on completing a math minor
- *** Students will need to request permission from the Biology department to register for BIOL 203
- **** Students can opt for any 1 credit elective to ensure eligibility for the NY State Excelsior Scholarship (a minimum of 30 credits per year must be completed to remain eligible)

Degree Map for Dance

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate with a Dance major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall
ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

DAN 10100 - Fundamentals of Contemporary Dance Technique

GER
GER 2/D

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: N/A
4 hrs.
2 cr.

- HCR - Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- HCR - Life and Physical Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

DAN 10100 - Fundamentals of Contemporary Dance Technique

GER
GER 2/D

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of
basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: N/A
4 hrs.
2 cr.

**DAN 10500 - Fundamentals of Ballet**

Introduction to fundamental skills and nomenclature of ballet. May be taken three times for credit with permission of the department.

4 hrs
2 cr.

- HCR - US Experience in its Diversity
- Foreign Language - Elementary Level II
- ELECTIVE

**Sophomore Year**

**Fall**

**DAN 21000 - Contemporary Dance Technique I**

**GER**
3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.

prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr.

**DAN 21300 - Basic Musicianship for Dancers**

**GER**
3/A

Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: DAN 21000
3 hrs
2 cr.

**DAN 22100 - Improvisation**
GER
3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.

_prereq:_ Declaration of Dance Major or Dance Minor

4 hrs
1 cr.

- Foreign Language - Intermediate Level I
- HCR - Life and Physical Sciences
- HCR - Individual and Society: Social Sciences

Spring

DAN 21500 - Ballet 1

GER
3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

_prereq:_ permission of department

4 hrs
2 cr.

DAN 21000 - Contemporary Dance Technique I

GER
3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.

_prereq:_ DAN 10100, perm dept., placement class

4 hrs
2 cr.

DAN 23200 - Global Dance History

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**prereq:** N/A

3 hrs.
3 cr.

**DAN 15100 - Global Dance 1**

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.

2 hrs
1 cr.

- Foreign Language - Intermediate Level II
- DAN - Elective

**Junior Year**

**Fall**

**DAN 22000 - Contemporary Dance Technique II**

**GER**

3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

**prereq:** DAN 21000, perm dept, or placement class

4 hrs
2 cr.

**DAN 21500 - Ballet 1**

**GER**

3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

**prereq:** permission of department

4 hrs
2 cr.

**DAN 32100 - Composition I**
Pluralism and Diversity
GER 3/A
Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.

prereq: DAN 22100, permission of dept.
4 hrs, 2 hrs open studio
2 cr.

DAN 22400 - Stagecraft

GER
3/A

This course focuses on the practical experience of dance production, including work backstage and other aspects of production. May be taken twice for credit with permission of the department.

prereq: perm dept.
3 hrs, 3 hrs open studio
1 cr.

DAN 35000 - Anatomy and Kinesiology for Dancers

GER
3/A

Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.

prereq or coreq: any course in DAN
3 hrs
3 cr.
* HCR - Concentrated Study

Spring

DAN 22000 - Contemporary Dance Technique II

GER
3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

prereq: DAN 21000, perm dept, or placement class
4 hrs
2 cr.

DAN 22500 - Ballet 2
Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.

*prereq: permission of department*

4 hrs
2 cr.

**DAN 42200 - Dance Workshop**

This advanced composition course provides a structure for continued choreographic practice leading to public performance. The course concentrates on development of individual artistic voice, refining effective rehearsal practices, and seeing a choreographic project to completion in terms of thematic material, methodology, visual design, and production best practices. May be taken twice for credit with permission of the department.

*prereq or coreq: DAN 42100*

4 hrs
2 cr.

**DAN 44000 - Lecture/Demonstration Touring Group**

Performance of prescribed choreography in lecture/demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin. May be taken two times for credit with permission of the department.

*prereq: permission of dept.*

4 hrs
2 cr.

- HCR - Individual and Society: Humanities
- DAN - Elective

**Senior Year**

**Fall**

**DAN 31000 - Contemporary Dance Technique III**

Pluralism and Diversity
GER 3/A
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.

**prereq:** DAN 22000, or perm. depart.

4 hrs
2 cr.

**DAN 41000 - Contemporary Dance Technique 4**

**Pluralism and Diversity**
GER 3/A

Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken three times for credit with permission of the department.

**prereq:** permission of department

4 hrs
2 cr.

**DAN 22500 - Ballet 2**

**GER**
3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.

**prereq:** permission of department

4 hrs
2 cr.

**DAN 49800 - Internship**

**GER**
3/A

Open to dance majors with 15 credits in dance from Hunter. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**prereq:** DAN 32400

hrs TBA
3-6 cr.

- DAN - Elective
- ELECTIVE

**Spring**

**DAN 31000 - Contemporary Dance Technique III**

**Pluralism and Diversity**
GER 3/A
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.

**prereq:** DAN 22000, or perm. depart.

*4 hrs*  
*2 cr.*

**DAN 41000 - Contemporary Dance Technique 4**

**Pluralism and Diversity**  
**GER 3/A**

Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken three times for credit with permission of the department.

*prereq: permission of department*  
*4 hrs*  
*2 cr.*

**DAN 46100 - Seminar in Dance**

**GER**  
**3/A**

Survey of dance careers, grant writing, arts administration, resume writing and relevant topics related to the socio-political climate of our times in relation to art.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

*prereq: DAN 31000, DAN 32100*  
*3 hrs*  
*3 cr.*

- ELECTIVE  
- ELECTIVE

**Degree Map for Economics**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Economics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

**Freshman Year**

**Fall**
ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

ECO 20000 - Principles of Microeconomics

GER
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets. May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000
3 hrs
3 cr.

- Foreign Language Elementary Level 1
- US Experience in its Diversity

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better; AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

ECO 20100 - Principles of Macroeconomics

GER
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.

May be taken prior to or concurrently with ECO 20000.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000
3 hrs
3 cr.

- Foreign Language Elementary Level 2
- Creative Expression

Sophomore Year

Fall

ECO 22100 - Economic Statistics

Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B
Statistical theory applied to business and economic problems; correlation, regression, time series analysis.  
 prerequisites: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500  
 3 hr lecture or 2 hr lecture/1 hr discussion  
 3 cr.  
  
- ECO 200, 300, or 400 Level Elective  
- Foreign Language Intermediate Level 3  
- Individual and Society/ Humanities  
- Elective  

Spring  

**ECO 30000 - Intermediate Microeconomics**  

**GER**  
3/B  
Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.  
 prerequisites: ECO 20000, 20100 and MATH 15000 or MATH 15200  
 3 hrs  
 3 cr.  
  
- World Cultures & Global Issues  
- Foreign Language Intermediate Level 4  
- Life and Physical Sciences  
- Elective  

Junior Year  

Fall  

**ECO 30100 - Intermediate Macroeconomics**  

**GER**  
3/B  
Growth, employment and prices in the short and long run; monetary and fiscal policy.  
 prerequisites: ECO 20000, 20100, MATH 15000 or MATH 15200  
 3 hrs  
 3 cr.  
  
- ECO 200, 300, or 400 Level Elective  
- Elective  
- Elective  
- Elective  

Spring
ECO 32100 - Introduction to Econometrics

GER
3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.
prereq: ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 15500 or MATH 25500
3 hrs
3 cr.

• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective

Senior Year

Fall

• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Spring

• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Notes:

• Students placing into MATH 101 or 101EN can still complete the major in four years – sequencing will be shifted by one semester.
• Majors are advised to complete MATH 15000 (STEM) and ECO 22100 within their first 75 credits of college work and ECO 30000 or ECO 30100 within their first 90 credits. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major.
• The remaining 12 credits needed to complete the 30-credit major shall be satisfied by other economics courses offered by the department. No courses in accounting or business law may be credited toward the economics major. No more than 3 credits may be at the 100-level (note: ECO 10000, ECO 19600, and ECO 29600 cannot be counted.)
• Economics majors may find both the minor and the Certificate Program in Public Policy of particular interest.
• The department strongly urges economics majors who plan to go on to graduate or professional school to choose letter grades rather than CR/NC.
For motivated students, the department offers the opportunity to complete both the BA and MA degrees simultaneously, where 30 of the 120 credits required for graduation are graduate credits. Please see the Accelerated BA/MA Economics Degree Map.

Degree Map for English: Creative Writing

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- US Experience in its Diversity
- Life and Physical Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.
- Scientific World
- Foreign Language Elementary Level 2
- Creative Expression
- Individual & Society/ Social Sciences

Sophomore Year

Fall

ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.
- Elective
- Individual & Society/ Humanities
- Foreign Language Level 3
- World Cultures & Global Issues

Spring

ENGL 28500 - Introduction to Creative Writing

GER
3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.

Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses, except ENGL 30100.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.
• Foreign Language Level 4
• Elective
• Elective

Junior Year

Fall

• Creative Writing Workshop
• ENGL 30700, ENGL 39600, or ENGL 39700 Courses in American Literature
• ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32400, ENGL 32500, or ENGL 32700 Course in Multi-Ethnic or Transnational Literature
• Hunter Focus
• Elective

Spring

• Creative Writing Workshop
• ENGL 30600, ENGL 33000, ENGL 28000, ENGL 33200, ENGL 34000, or ENGL 34800 Course in Lit Theory, Linguistics or Rhet.
• ENGL 300 or 400 Level Course with focus on pre-1800 Literature or Rhetoric*
• Elective
• Elective

Senior Year

Fall

• Creative Writing Workshop
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Spring

• ENGL 300 or 400 Level Elective
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Notes:

* The 300 or 400 level elective that focuses on pre-1800 literature cannot be ENGL 338 or ENGL 395
Degree Map for English: Language Arts

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

• Math & Quantitative Reasoning
• Foreign Language Elementary Level 1
• US Experience in its Diversity
• Life & Physical Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

• Scientific World
• Foreign Language Elementary Level 2
• Creative Expression
• Individual & Society/ Social Sciences

Sophomore Year

Fall

ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.

• Elective
• Individual and Society/ Humanities
• Foreign Language Intermediate Level 3
• World Cultures & Global Issues

Spring

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

• Foreign Language Intermediate Level 4
• ENGL 30700, ENGL 39600, or ENGL 39700 Course in American Literature
• Elective
• Elective

Junior Year

Fall

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A
Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

**ENGL 30100 - Composition Theory and Practice**

**GER**

3/A

Study of the theory and practice of academic composition.

praereq: ENGL 22000

3 hrs

3 cr.

**ENGL 30500 - Studies in Children's Literature**

**GER**

3/A

Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.

praereq: ENGL 22000

3 hrs

3 cr.

- Hunter Focus
- Elective

**Spring**

**ENGL 28000 - The Structure of Modern English**

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

praereq: ENGL 22000

3 hrs

3 cr.

- ENGL 300, ENGL 308 or ENGL 341 Course in Writing
- ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34000, ENGL 34200, or ENGL 34800 Course in Language, Linguistics, Rhetoric
- Elective
- Elective

**Senior Year**

**Fall**
• ENGL 300 or 400 Level Elective
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Spring

• ENGL 300 or 400 Level Elective
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Degree Map for English: Linguistics & Rhetoric

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

• HCR - Math & Quantitative Reasoning
• Foreign Language - Elementary Level I
• HCR - US Experience in its Diversity
• HCR - Life and Physical Sciences

Spring
ENGL 22000 - Introduction to Writing about Literature (W)

**Hunter Core**
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

- HCR - Scientific World
- Foreign Language - Elementary Level II
- HCR - Creative Expression
- HCR - Individual and Society : Social Sciences

Sophomore Year

**Fall**

ENGL 25000 - Topics in Literature

**Hunter Core**
Creative Expression (CE)
**Pluralism and Diversity**
PD/A or B or C or D
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

*prereq: ENGL 22000*

3 hrs

3 cr.

- HCR - Individual and Society : Humanities
- Foreign Language - Intermediate Level I
- ELECTIVE
- ELECTIVE

**Spring**

ENGL 25200 - Introduction to Literary Studies

GER

3A
Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

**ENGL 30100 - Composition Theory and Practice**

GER
3/A

Study of the theory and practice of academic composition.

*prereq: ENGL 22000
3 hrs
3 cr.*

- Foreign Language - Intermediate Level II
- ELECTIVE
- ELECTIVE

**Junior Year**

**Fall**

**ENGL 28000 - The Structure of Modern English**

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century**

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

*prereq: ENGL 22000
3 hrs
3 cr.*

- ENGL 340, ENGL 341 OR ENGL 342
- HCR - Concentrated Study
- ELECTIVE

**Spring**

- ENGL 330, 332, 333, 346-348
Degree Map for English: Literature, Language, & Criticism

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**

English Comp (EC)

**GER**

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.
- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- US Experience in its Diversity
- Life and Physical Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.
- Scientific World
- Foreign Language Level 2
- Creative Expression
- Individual & Society/ Social Sciences

Sophomore Year

Fall

ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.
- Elective
- Foreign Language Level 3
- Individual & Society/ Humanities
- World Cultures & Global Issues

Spring
ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

prereq: ENGL 22000
3 hrs
3 cr.
- Foreign Language Level 4
- Elective
- Elective

Junior Year

Fall

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

prereq: ENGL 22000
3 hrs
3 cr.
• ENGL Area of Study Course 1
• Hunter Focus
• Elective

Spring

• ENGL Area of Study Course 2
• ENGL 300 or 400 Level Elective
• ENGL 300 or 400 Level Elective
• Elective
• Elective

Senior Year

Fall

• ENGL Area of Study Course 3
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Spring

• ENGL 300 or 400 Level Elective
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Notes:

One of your five 300 or 400 level electives (or, alternatively, one of your three Area of Study courses) needs to fulfill the pre 1800 course requirement.

Degree Map for English: Preparation for Secondary School Teaching BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor
through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

_Hunter Core_

English Comp (EC)  
GER  
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

_prereq: successful completion of developmental courses, if required_

3 hrs + conf  
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Level 1
- US Experience in Its Diversity
- Life & Physical Sciences

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

_Hunter Core_

English Comp (EC)  
GER  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

_prereq: ENGL 12000_

3 hrs + one additional conference hour  
3 cr.

- Scientific World
- Foreign Language Level 2
- Creative Expression
- Individual & Society/ Social Sciences

Sophomore Year

Fall
ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.

- Elective
- Foreign Language Level 3
- Individual & Society/ Humanities
- World Cultures & Global Issues

Spring

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30300 - Western Literary Backgrounds of British and American Literature

Pluralism and Diversity
PD/D
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods

prereq: ENGL 22000
3 hrs
3 cr.

- Foreign Language Level 4
- Elective
- Elective

Junior Year

Fall

ENGL 30100 - Composition Theory and Practice

GER
3/A

Study of the theory and practice of academic composition.
ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

Spring

ENGL 28500 - Introduction to Creative Writing

GER
3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods. Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses, except ENGL 30100.

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A
Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

**prereq:** ENGL 22000

**3 hrs**

**3 cr.**

**ENGL 28000 - The Structure of Modern English**

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

**prereq:** ENGL 22000

**3 hrs**

**3 cr.**

- Elective
- Elective

**Senior Year**

**Fall**

**ENGL 35200 - Shakespeare Survey**

**Pluralism and Diversity**

**PD/D**

**GER**

**3/A**

A survey of Shakespeare's works from across his career.

**prereq:** ENGL 22000

**3 hrs**

**3 cr.**

- ENGL 300 or 400 Level Elective
- Elective
- Elective
- Elective

**Spring**

- ENGL 300 or 400 Level Elective
- ENGL 300 or 400 Level Elective
- Elective
- Elective
- Elective

**Degree Map for Environmental Studies**
The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Environmental Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*

4 hrs

4 cr.

- Foreign Language Elementary Level 1
- Creative Expression
- GEOL or PGEOG 100 level Foundational Course

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**
Hunter Core
English Comp (EC)
GER 2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

• Foreign Language Elementary Level 2
• GEOL or PGEOG 100 level Foundational course
• US Experience in Its Diversity

Sophomore Year

Fall

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

GEOG 22600 - Environmental Conservation: Resource Management

GER 2/B
Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

**prereq or coreq:** ENGL 12000  
3 hrs  
3 cr.

- Individual & Society/ Social Sciences  
- World Cultures & Global Issues  
- Foreign Language Intermediate Level 1

### Spring

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
**Pluralism and Diversity**  
GER 2/E  
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.  
Primarily for pre-med, medical laboratory sciences and science majors.  
**prereq:** CHEM 10200  
**coreq:** CHEM 10400  
6 hrs  
3 cr.

- Individual & Society/ Humanities  
- Foreign Language Intermediate Level 2  
- GEOG, GEOL, PEGOG or GTECH 200 Level Elective  
- Elective

### Junior Year

### Fall

**PGEOG 25000 - Earth System Science I (W)**

**GER**  
3/B  
In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.

**prereq:** ENGL 12000  
**prereq or coreq:** GEOL 10100 or PEGOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr.

- GEOG, GEOL, PGEOG or GTECH 200 level
- Elective
- Elective
- Elective

Spring

PGEOG 25100 - Earth System Science II

GER
3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.

prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr.

- GEOG, GEOL, PGEOG or GTECH 300 level
- Elective
- Elective
- Elective

Senior Year

Fall

- GEOG, GEOL, PGEOG or GTECH 300 level Elective
- GEOG, GEOL, PGEOG or GTECH 300 level Elective
- Elective
- Elective
- Elective

Spring

- GEOG, GEOL, PGEOG or GTECH 300 level Elective
- PGEOG 49000 Honors in Environmental Studies or PGEOG 39300 Individual Study in Environmental Studies
- Elective
- Elective
- Elective

Notes:
• The total number of credits to satisfy the Environmental Studies Major is a minimum of 40 credits from the core and elective categories.
• A minimum of 18 credits of approved elective courses are required to fulfill the major. Twelve (12) credits must be at the 300-level or higher. Courses not listed may be included in a student's concentration with permission of the Environmental Studies advisor.
• It is strongly recommended that students discuss their choice of electives and other courses with the major's advisor and review progress every semester.

Degree Map for Film

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Film major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr.

• Math & Quantitative Reasoning
• Foreign Language Level 1
Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**FILMP 16000 - Media & Film in a Digital Age Pt. 2**

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

*cross-listed MEDP 16000*

*prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)*

4 hrs

3 cr

- Individual and Society/ Social Sciences
- Foreign Language Level 2
- Life and Physical Sciences

Sophomore Year

Fall

- FILM 20100 Close Film Analysis
- FILPL 27600 Screen Writing I - The Short (W)
- US Experience in its Diversity
- World Cultures & Global Issues (WCGI)
- Foreign Language Level 3
- Individual and Society (Humanities) I&S H

Spring

- FILM 200 or 300- Level Film Style and Close Analysis Anayltical Requirement Elective
- Any 200-level FILM HISTORY course.
- FILMP 25100 - Film Production I FILM 211 Film History I: 1895-1942 -or- FILM 212 Film History II: Since 1942
• Foreign Language Level 4  
• Elective

Junior Year

Fall

• 300-level FILM History Requirement  
• FILMP 35200 - Film Production II  
• Hunter Focus  
• Elective  
• Elective

Spring

• Advanced Production Cluster Requirement  
• Elective  
• Elective  
• Elective  
• Elective

Senior Year

Fall

• FILM Analytical Elective  
• Advanced FILM Production Elective  
• Elective  
• Elective  
• Elective

FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.  
Material Fee: $20  
prereq: FILMP 25100, FILMP 27600 open to film/media majors only or perm instr.  
prereq or coreq: Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.  
4 hrs  
3 cr.  
• FILM Elective  
• Elective  
• Elective  
• Elective
Degree Map for French - Language and Civilization

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

*Hunter Core*
English Comp (EC)

**GER**
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf
3 cr.

**FREN 10100 - Elementary French I**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

-or-

**FREN 10300 - Intensive Elementary French**

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

6 hrs
6 cr.

- Note: Students opting for Intensive 6 cr. option would postpone SW or I&S/SS for the following semester.
- Scientific World
- Individual and Society (Social Sciences) I&S SS
Spring

- ENGL 22000 - Introduction to Writing about Literature (W)
- FREN 24100 to FREN 26200 (range) Group B
- FREN 10200 - Elementary French II
- FREN 20300 - Intensive Intermediate French

Note: Students opting for Intensive 6 cr. option would postpone LIPS or I&S/H for the following semester.

- Life and Physical Sciences
- Individual and Society (Humanities)

Sophomore Year

Fall

- FREN 20100 Intermediate French I
  or Study Abroad (a): see note below
- FREN 24100 to FREN 26200 (range) Group B
- US Experience in Its Diversity
- ELECTIVE
- ELECTIVE

Spring

- FREN 20200 Intermediate French II
- FREN 24100 to FREN 26200 (range) Group B
- Creative Expression (CE) (See online catalog for titles)
- ELECTIVE
- ELECTIVE

Junior Year

Fall

- FREN 22000, FREN 27500, FREN 31100, FREN 31200, FREN 32100 (Two courses, Group A)
- World Cultures & Global Issues
- ELECTIVE
- ELECTIVE

Spring

- FREN 22000, FREN 31100, FREN 31200, FREN 27500 or FREN 32100 (2 courses, Group A)
- FREN 34100 or FREN 34200 (1 course, Group C)
- ELECTIVE
• ELECTIVE

Senior Year

Fall

• FREN 34100 or FREN 34200 (1 course, Group C)
• FREN 33500 - FREN 36500 (range) (1 course, Group C)
  or Study Abroad (b): see note below
• ELECTIVE
• ELECTIVE
• ELECTIVE

Spring

• FREN 33500 - FREN 36500 (range) (1 course, Group C)
• ELECTIVE
• ELECTIVE
• ELECTIVE
• ELECTIVE

Notes:

FREN 22000, FREN 27500, FREN 31100, FREN 31200, FREN 32100, Group A, taught in French: 12 credits must be taken from this category. No exceptions and no substitutions. Ideally, this sequence of courses should be completed before beginning 300-level courses, with the possible exception of FREN 34100 or FREN 34200, which may be started before completing all of Group A.

FREN 24100 to FREN 26200, Group B, taught in English: 0 to 9 credits may be taken in this category. Such courses may be taken simultaneously with the language sequence FREN 10100 - FREN 10200.

FREN 33500 to FREN 36500, Group C, taught in French: 9 to 18 credits must be taken from this category. Students are expected to take FREN 34100 FREN 34200 in addition to whatever other 300-level courses interest them. Depending on how many credits students take from Group B, the number of credits required from Group C will decrease. For example, if a student takes 0 credits from Group B, then the number of credits from Group C must total 18. If a student takes 3 credits from Group B, then the number of credits from Group C will total 15. Etc.

Study Abroad: a.) Compiègne: this immersion program is ideal for students who have completed one year of language study. Its successful completion will earn 6 credits toward FREN 20100 and FREN 20200. It should be completed during the summer between the first and second year; b.) Paris-CUNY Exchange Program: students are encouraged to study at least one semester in Paris. Ideally, a student should have approximately one year of upper division French courses under his or her belt before departure. Nota Bene: at least 15 credits of the major must be taken "in-residency," that is, at Hunter College. For courses taken abroad to be counted as equivalent, they must fit the course offerings in the French major.

*See department for availability of Intensive (FREN 10300 and FREN 20300).
Degree Map for French Literature

Freshman Year

Fall

- FREN 10100 - Elementary French I
- or
- FREN 10300 - Intensive Elementary French * See note below
- Note: Students opting for Intensive 6 cr. option would postpone SW or I&S/SS for the following semester.
- Scientific World
- Individual and Society (Social Sciences)

Spring

- ENGL 22000 - Introduction to Writing about Literature (W)
- FREN 10200 - Elementary French II
- or
- FREN 20300 - Intensive Intermediate French * See note below
- Note: Students opting for Intensive 6 cr. option would postpone LPS or I&S/H for the following semester.
- Life and Physical Sciences
- Creative Expression

Sophomore Year

Fall

- FREN 20100 - Intermediate French I
- or Study Abroad (a) See note below
- US Experience in Its Diversity
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring
Junior Year

Fall

- FREN 31100 - Advanced French Grammar
- or-
- FREN 31200 - French Oral and Written Expression
- or-
- FREN 32100 - French Translation
- FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century
- or-
- FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- FREN 34100 Survey of French Literature from the Middle Ages to the End of the 17th Century
- or-
- FREN 34200 Survey of French Literature from the 18th Century to the Modern Period
- FREN 33500 - FREN 36500 (select from this range)
- FREN 34300 - FREN 36500 (select from this range)
- ELECTIVE
- ELECTIVE

Senior Year

Fall
• FREN 33500 - FREN 36500 (select from this range)
• FREN 33500 - FREN 36500 (select from this range)
• FREN 33500 - FREN 36500 (select from this range)

or Study Abroad (b) see note below

• ELECTIVE
• ELECTIVE

Spring

• FREN 33500 - FREN 36500 (select from this range)
• FREN 33500 - FREN 36500 (select from this range)
• ELECTIVE
• ELECTIVE
• ELECTIVE

Notes:

The French Literature concentration is ideal for students who are native speakers, or who already have an advanced level of French proficiency, and therefore require minimum language study.

FREN 31100, FREN 31200, FREN 32100: 3 credits must be taken from this category. No exceptions and no substitutions. This course may be taken simultaneously with FREN 34100 or FREN 34200.

FREN 34100 and FREN 34200: 6 credits must be taken from this category. Ideally, a student will have completed FREN 34200 before taking any 300-level course dealing with literature from the eighteenth, nineteenth, twentieth, or twenty-first centuries. Similarly, a student should have taken FREN 34100 before taking any 300-level course focusing on literature from the Middle Ages, the Renaissance, or the Grand Siècle.

FREN FREN 33500 - FREN 36500: 21 credits must be taken from this category.

Study Abroad: a.) Compiègne: this immersion program is ideal for students who have finished one year of language study. Its successful completion will earn 6 credits toward FREN 20100 and FREN 20200. It should be completed during the summer between the first and second year; b.) Paris-CUNY Exchange Program: students are encouraged to study at least one semester in Paris. Ideally, a student should have approximately one year of upper division French courses under his or her belt before departure. Nota Bene: at least 15 credits of the major must be taken “in-residency,” that is, at Hunter College. For courses taken abroad to be counted as equivalent, they must fit with the course offerings in the French major.

*See department for availability of Intensive (FREN 10300 and FREN 20300).

Degree Map for Geography BA
The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Geography major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**

- English Comp (EC)

**GER**

- 1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

- 3 hrs + conf
- 3 cr.

**GEOG 10100 - People and Their Environment**

**Hunter Core**

- Individual and Society - Social Science

**GER**

- 2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Interact with it. Contemporary economic, political and social patterns and problems are discussed.

- 3 hrs
- 3 cr.

*offered fall and spring.*

**STAT 11300 - Elementary Probability and Statistics**
**Hunter Core**  
Math/Quantitative Reasoning  
GER  
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.  
*prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam*

ENGL 22000 - Introduction to Writing about Literature (W)

**Hunter Core**  
English Comp (EC)  
GER  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.  
*prereq: ENGL 12000*

3 hrs  
3 cr.

- Foreign Language Elementary Level 1
- Creative Expression

**Spring**

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15  
*prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*

6 hrs (2 lec, 4 lab)  
4 cr.  
*Offered fall and spring*

**GEOG 22600 - Environmental Conservation: Resource Management**

GER  
2/B
Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

**prereq or coreq: ENGL 12000**
3 hrs
3 cr.

- Foreign Language Elementary Level 2
- World Cultures & Global Issues

**Sophomore Year**

**Fall**

**PGEOG 14000 - Introduction to Weather, Climate and Climate Change**

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

3 hrs
3 cr.

- US Experience in Its Diversity
- Foreign Language Intermediate Level 3
- Scientific World
- Individual & Society/ Social Sciences

**Spring**

**PGEOG 14100 - Introduction to Weather, Climate and Climate Change Laboratory**

A hands-on laboratory science course. PGEOG 14100 will explain how weather and climate affect people and the natural environment through hands-on laboratory and field experiences. The course explores the science of the atmosphere starting with weather and weather forecasting including severe storms such as hurricanes and tornadoes. World climates and global climate change is included. This course will serve as an introduction to atmospheric science and will prepare students for further work in geography and Earth sciences.

3 hrs (1 hour lecture, 2 hours lab)
3 cr.

**GEOG 24300 - Urban Geography**

GER
3/B
Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

- Foreign Language Intermediate Level 4
- Individual & Society/ Humanities
- GEOG/P GEOG/GTECH 200 level

Junior Year

Fall

GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.

prereq: ENGL 12000 and a 100-level GEOG, P GEOG, GTECH, or GEOL course
3 hrs
3 cr.

GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to Jr/Sr only.

prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr.

- GEOG/P GEOG/GTECH 300 level
- Elective
- Elective

Spring

- GEOG 35700 Geography of New York City and Vicinity or P GEOG 383.67 or P GEOG 383.06 or P GEOG 383.63 or GEOL 383.33*
- Department Approved Research Project, 300 level GEOG or P GEOG or GTECH course
- GEOG/P GEOG/GTECH 300 level
- Elective
- Elective

Senior Year

Fall
• GEOG/PGEOG/GTECH 300 level
• GEOG/PGEOG/GTECH 300 level
• Elective
• Elective
• Elective

Spring

• GEOG/PGEOG/GTECH 300 level
• Elective
• Elective
• Elective
• Elective

Notes:

• Third Year/ Fall Semester- Students can choose between one 200-Level regional course or one course in GEOG 30600 Special Topics in Contemporary Regional Geographies (3 credits)
• Third Year/ Spring Semester- Students can choose at least one field course chosen from the following courses (3 credits): GEOG 35700, PGEOG 38367, PGEOG 38306, PGEOG 38363, or GEOL 38333
• Third Year/Spring Semester- Students must choose at least one Department approved research project-related, 300-level GEOG, PGEOG, or GTECH course (3 credits)
• Elective courses (a minimum of 18 credits with a GEOG, PGEOG, or GTECH prefix of which at least 15 credits must be at the 300-level. You may take one 200-level course with a GEOG, PGEOG or GTECH prefix.

Degree Map for German

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a German Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A
Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

GERMN 10100 - Elementary German I

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners. GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

- Math & Quantitative Reasoning
- Scientific World
- Individual and Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr.

GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core
Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-
story traditions; development of motifs through various ages and cultures.  
(Conducted in English) Note: No knowledge of German required.

prereq or coreq: ENGL 12000  
3 hrs  
3 cr.  
*No "W" designation when offered in Winter Session
  
- Individual and Society/ Humanities  
- Life and Physical Sciences

Sophomore Year

Fall

GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.  
prereq: GRMN 10200 or equiv.  
3 hrs  
3 cr.  
- US Experience in its Diversity  
- Elective  
- Elective  
- Elective

Spring

GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.  
prereq: GRMN 20100 or equiv.  
3 hrs  
3 cr.  
- Elective  
- Elective  
- Elective  
- Elective

Junior Year

Fall

- GERMN 301-498 Advanced Language, Literature, or Culture Course  
- GERMN 301-498 Advanced Language, Literature, or Culture Course  
- Elective  
- Elective  
- HCR Hunter Core Requirement Hunter Focus: Concentrated Study
Spring

- GERMN 301-498 Advanced Language, Literature, or Culture Course
- GERMN 301-498 Advanced Language, Literature, or Culture Course
- Elective
- Elective
- Elective

Senior Year

Fall

- GERMN 301-498 Advanced Language, Literature, or Culture Course
- GERMN 301-498 Advanced Language, Literature, or Culture Course
- Elective
- Elective
- Elective

Spring

- GERMN 301-498 Advanced Language, Literature, or Culture Course
- GERMN 301-498 Advanced Language, Literature, or Culture Course
- Elective
- Elective
- Elective

Notes:

- Students interested in Study Abroad should speak with a departmental advisor about summer programs, which carry a total of 6 credit hours, 3 that may be applied to the major and 3 that will count as elective credits. Semester-long and year-long study abroad is also possible.
- Students who complete the intensive language sequence (German 103 and 203) in their first year may move on to Advanced Language and Literature courses (German 301-302, 310, 320-339) in their sophomore year.
- At least 12 credits must be earned by taking advanced classes in German literature and culture (numbered 320-359; also 444). Three or more of these credits must be from level 2 literature courses (numbered 341-359; also 444). Majors are permitted to substitute one level 1 literature course (numbered 320-339) with a level 2 language course (numbered 385). Students are encouraged to consult a departmental advisor as early as possible to plan their course of studies in German.

Degree Map for Greek

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Greek major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor
through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

**GRK 10100 - Beginning Ancient Greek 1**

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.

3 hrs

3 cr.

*offered fall*

- HCR - Math & Quantitative Reasoning
- HCR - Individual and Society : Humanities
- HCR - Individual and Society : Social Sciences

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**GRK 10200 - Beginning Ancient Greek 2**
Elementary course in grammar, syntax and morphology of Ancient Greek.

**prereq:** GRK 10100
3 hrs
3 cr.
offered spring
- HCR - Creative Expression
- HCR - US Experience in its Diversity
- HCR - Scientific World

**Sophomore Year**

**Fall**

- GRK 110
- HCR - Life and Physical Sciences
- ELECTIVE
- ELECTIVE
- ELECTIVE

**Spring**

- GRK 202 or GRK 203
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

**Junior Year**

**Fall**

**LAT 10100 - Beginning Latin 1**

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.
3 hrs.
3 cr.
offered fall
- GRK - 300 Level Elective
- ELECTIVE
- ELECTIVE
- HCR - Concentrated Study

**Spring**

- GRK - 300 Level Elective
Senior Year

Fall

- GRK - 300 Level Elective
- GRK - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- GRK - 300 Level Elective
- GRK - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Degree Map for Greek and Latin

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Greek and Latin major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

Sophomore Year

Fall

- GRK 101 or LAT 101
- GRK 110 or LAT 110
- HCR - Life and Physical Sciences
- ELECTIVE
- ELECTIVE

Spring

- GRK 102, LAT 102 or LAT 107
- GRK 202 or 203 or LAT 201 or LAT 203
- ELECTIVE
- ELECTIVE
- ELECTIVE

Junior Year
Fall

- GRK 110 or LAT 110
- GRK or LAT - 300 Level Elective
- ELECTIVE
- ELECTIVE
- HCR - Concentrated Study

Spring

- GRK 203 or LAT 201 or LAT 203
- GRK or LAT - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Senior Year

Fall

- GRK - 300 Level Elective
- LAT - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- GRK - 300 Level Elective
- LAT - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Degree Map for Hebrew

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Hebrew Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year
Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

HEBR 10100 - Elementary Hebrew I

Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 10100 usually not credited with HEBR 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
• HCR - Math & Quantitative Reasoning
• HCR - Creative Expression
• HCR - US Experience in its Diversity

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

HEBR 10200 - Elementary Hebrew II

Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs
3 cr.
• HCR - Individual and Society : Social Sciences
• HCR - Scientific World
Sophomore Year

Fall

HEBR 20100 - Intermediate Hebrew I

Continued practice in conversational Hebrew, grammar and composition.

prereq: HEBR 10200 or equiv.

3 hrs

3 cr.

- HCR - Life and Physical Sciences
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

HEBR 20200 - Intermediate Hebrew II

Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.

prereq: HEBR 20100 or equiv.

3 hrs

3 cr.

- HCR - Individual and Society : Humanities
- ELECTIVE
- ELECTIVE
- ELECTIVE

Junior Year

Fall

- HEBR - 200 or 300 Level Elective
- HEBR - 300 Level Elective
- ELECTIVE
- ELECTIVE
- HCR - Concentrated Study

Spring

- HEBR - 200 or 300 Level Elective
- HEBR - 300 Level Elective
- ELECTIVE
- ELECTIVE
Senior Year

Fall

- HEBR - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- HEBR - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

Degree Map for History

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a History major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.
• Math & Quantitative Reasoning
• Foreign Language Elementary Level 1
• Life and Physical Sciences

**HIST 15100 - The United States from the Colonial Era to the Civil War (W)**

**Hunter Core**
US Experience in its Diversity (USED)
**GER**
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.

**prereq or coreq:** ENGL 12000

3 hrs
3 cr.

---

**Spring**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
**GER**
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour
3 cr.

---

- Creative Expression
- Foreign Language Elementary Level 2
- HIST 100 or 200 Level Elective
- Elective

---

**Sophomore Year**

**Fall**

- Individual and Society/ Social Sciences
- Scientific World
- Foreign Language Intermediate Level 3
- HIST 100 or 200 Level Elective
- Elective

**Spring**
**HIST 29000 - History Practicum (W)**

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed “hands-on” experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more self-directed, substantial and independent historical research projects in the future.

*prereq: ENGL 12000; 6 cr in history and permission of the department
3 hrs.
3 cr.*

- Individual and Society/ Social Sciences
- World Cultures & Global Issues
- Foreign Language Intermediate Level 4
- HIST 200 Level Elective

**Junior Year**

**Fall**

- HIST 29000 History Practicum (W)
- HIST 200 or 300 Level Elective
- Elective
- Elective
- Elective

**Spring**

- HIST 300 Level Elective
- Elective
- Elective
- Elective
- Elective

**Senior Year**

**Fall**

- HIST 30000 Historical Research (W) or HIST 40000 Historical Research [H] or Elective
- HIST 300 Level Elective
- Elective
- Elective
- Elective

**Spring**

- HIST 300 or 400 Level Elective
- Elective
• Elective
• Elective
• Elective

Notes:

• Students must complete a minimum of 6 HIST credits within each of the following geographical fields: United States history, European history (includes Russia and the USSR), and World/Non-Western (Asia, Africa, and Middle East)/Latin American history.
• A maximum of 9 credits in 100-level courses may be applied to the major.
• A minimum of 18 credits in advanced-level courses distributed as follows:
  o 6 credits in 200-level courses (not including HIST 29000)
  o 9 credits in 300-level courses or higher (including HIST 30000/HIST 40000)
• **HIST 29000 - History Practicum (W) Majors must have passed 9 credits of HIST-designated courses before enrolling in HIST 29000. No more than 6 of the 9 credits required for HIST 29000 enrollment may be at the 100 level. A minimum grade of C is required to receive credit for HIST 29000. The Department strongly suggests students take the Practicum in the sophomore year, but recognizes that transfer students will not have had an opportunity to do so, but should be encouraged to take it the Fall semester of their Junior year
• Chronological Distribution: Within the requirements for the major (exclusive of HIST 300) students must also complete a minimum of 3 credits in a course that is largely focused on years prior to 1815:
  o If the course is at the 100-level, it must cover material that is entirely pre-1815.
  o If the course is at the 200-level or higher, the majority of the material in it must be pre-1815.

Degree Map for Human Biology BA (Biology Sequence Option 1: Principles of Biology and General Chemistry)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Latin major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ANTHP 10500 - The Human Species

Hunter Core
Life and Physical Sciences (LPS)
GER
2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy,
physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution.

3 hrs
3 cr.

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

• Foreign Language Elementary Level 1

Spring
BIOL 10000 (STEM) - Principles of Biology I

Hunter Core  
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity  
PD/C or D
GER  
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core  
English Comp (EC)
GER  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- World Cultures & Global Issues
- Foreign Language Elementary Level 2
- Creative Expression

Sophomore Year

Fall

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core  
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity  
PD/C or D
GER  
2/E
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

*fall only*

- Track Course 100 or 200 level

**STAT 11300 - Elementary Probability and Statistics**

**Hunter Core**

Math/Quantitative Reasoning

GER

1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

**prereq:** A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam

**prereq or coreq:** ENGL 12000

3 hrs

3 cr.

- Foreign Language Intermediate Level 3
- US Experience in Its Diversity

**Spring**

- Track Course 100 or 200 level
- Track Course 100 or 200 level
- Individual and Society/ Humanities
- Foreign Language Intermediate Level 4
- Elective

**Junior Year**

**Fall**

- Track Course 300 level
- Individual and Society/ Social Sciences
- Elective
- Elective
- Elective
**Spring**
- Track Course 300 level
- Elective
- Elective
- Elective
- Elective

**Senior Year**

**Fall**
- Track Course 300 level
- Elective
- Elective
- Elective
- Elective

**Spring**

**HMBIO 40100 - Human Biology Senior Capstone**

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points.

*prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director.*

3 hrs
3 cr.
- Elective
- Elective
- Elective

**Notes:**

- *If students place into MATH 101 or 101EN they sequence will be shifted by one semester but may still be completed in four years.
- Optional Courses:
  - Independent Study (HMBIO 402) (1-3 Credits)
  - Internship (HMBIO 403) (1-3 Credits)(These do not count towards the major credits.)
- Honors Requirements: Complete Independent Study or Internship AND Overall GPA 3.0 or higher AND Human Biology Major GPA 3.5 or higher.
- Students will be required to have C- or Credit grades or better in the Core Sequence to continue in the major. Transfer students will be required to take ANTHP 10500 and receive a C or better to continue in the major.
- Students will choose between three Tracks I: Track I: Body, Mind, & Health, Track II: Human Evolution and Variation, or Track III: Human Organizations. Within each Track, 9 of the 18 credits must be at the 300+ level. The 18 credits must come from more than one department.
Degree Map for Human Biology BA (Biology Sequence Option 2: Anatomy & Physiology, and Essentials of Organic Chemistry)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Latin major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

**ANTHP 10500 - The Human Species**

**Hunter Core**
Life and Physical Sciences (LPS)
**GER**
2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution

3 hrs
3 cr.

**CHEM 10000 (STEM) - Essentials of General Chemistry Lecture**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
**GER**
GER 2/E

Essential facts, laws, and theories of general chemistry. Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.

*prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 12500 or MATH 15000 or MATH 15200 or MATH 15500*
4 hrs (3 lec, 1 rec)
3 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000

3 hrs
3 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf
3 cr.

• Foreign Language Elementary Level 1

Spring

CHEM 10100 - Inquiries into the Nature of Matter

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students.
Primarily for nursing, nutrition and food science and public health students.

3 hrs
3 cr.
ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour
3 cr.

- World Cultures & Global Issues
- Foreign Language Elementary Level 2
- US Experience in Its Diversity

Sophomore Year

Fall

BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.

**prereq:** CHEM 10000, 10100

**coreq:** CHEM 12000, 12100

7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.

**CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture**

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

**prereq:** CHEM 10000

4 hrs (3 lec, 1 rec)
3 cr.

**CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory**

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry. Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.
- Foreign Language Intermediate Level 3
- Creative Expression

Spring

BIOL 12200 - Anatomy and Physiology II
Structure and function of circulatory, digestive, excretory, endocrine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program. Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
spring only
- Track Course 100 or 200 level
- Track Course 100 or 200 level
- Individual and Society/ Humanities
- Foreign Language Intermediate Level 4

Junior Year

Fall

- Track Course 100 or 200 level
- Individual and Society/ Social Sciences
- Elective
- Elective
- Elective

Spring

- Track Course 300 level
- Elective
- Elective
- Elective
- Elective

Senior Year
Fall

- Track Course 300 level
- Elective
- Elective
- Elective
- Elective

Spring

**HMBIO 40100 - Human Biology Senior Capstone**

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points.  

_prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director._

3 hrs  
3 cr.

- Track Course 300 level
- Elective
- Elective
- Elective
- Elective

Notes:

- **Please note that your MATH course selection is based on your placement exam and MATH 125 is a pre-requisite for STAT 213.**
- Optional Courses:
  - Independent Study (HMBIO 402) (1-3 Credits)
  - Internship (HMBIO 403) (1-3 Credits) (These do not count towards the major credits.)
- Honors Requirements: Complete Independent Study or Internship AND Overall GPA 3.0 or higher AND Human Biology Major GPA 3.5 or higher.
- Students will be required to have C- or Credit grades or better in the Core Sequence to continue in the major.
- Transfer students will be required to take ANTHP 10500 and receive a C or better to continue in the major.
- Students will choose between three Tracks I: Track I: Body, Mind, & Health, Track II: Human Evolution and Variation, or Track III: Human Organizations. Within each Track, 9 of the 18 credits must be at the 300+ level. The 18 credits must come from more than one department.

Degree Map for Italian Language and Civilization

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Italian Language and Civilization major. The degree map is a tool to assist you and your adviser in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your adviser. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.
Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
- English Comp (EC)
- GER
- 1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf
3 cr.

**ITAL 10100 - Elementary Italian I**

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**ITAL 10300 - Intensive Elementary Italian**

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

6 hrs
6 cr.

- Math & Quantitative Reasoning
- Scientific World
- Individual & Society/ Social Sciences

Spring

- ENGL 22000 Introduction to Writing about Literature (W)
- 1 course from: ITAL 26000 Modern Italian Short Story (W), ITAL 27500 Masterpieces of Italian Literature, ITAL 27600 Dante's Divine Comedy in English (W), ITAL 28000 The Italian Renaissance: An Introduction
- ITAL 10200 Elementary Italian II
- ITAL 10300 Intensive Elementary Italian
- Individual & Society/ Humanities
- Life and Physical Sciences
Sophomore Year

Fall

**ITAL 20100 - Intermediate Italian I**

Language lab mandatory.  
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.  
*prereq: ITAL 10200 or 2 yrs high school Italian*  
3 hrs  
3 cr.

**ITAL 20300 - Intensive Intermediate Italian**

Equivalent to material covered in 20100 and 20200. Language lab mandatory.  
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.  
*prereq: ITAL 10200 or 10300*  
6 hrs  
6 cr.

- US Experience in Its Diversity  
- World Cultures & Global Issues  
- Elective  
- Elective

Spring

- ITAL 20200 Intermediate Italian II  
- ITAL 20300 Intensive Intermediate Italian  
- 1 course from: ITAL 33400 - Italian Civilization in the Baroque, ITAL 33500 Italian Culture I, ITAL 33600 Italian Culture II, ITAL 33700 Italian Women Writers from the Middle Ages to the 18th Century, in English, ITAL 33800 - 19th and 20th Century Italian Women Writers  
- Creative Expression  
- Elective  
- Elective

Junior Year

Fall

**ITAL 22100 - Italian for Oral Communication**

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.  
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.  
*prereq: ITAL 20200 or perm dept.*
ITAL 31100 - Advanced Italian Grammar

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 20200 or equiv.

Spring

- 3 courses from: ITAL 31200 Advanced Italian Composition, ITAL 32100 Italian Translation, ITAL 33100 Italian Phonetics and Diction, ITAL 36500 The 20th Century: Special Topics
- Elective
- Elective

Senior Year

Fall

- 1 course from: ITAL 34100 Introduction to Italian Literature from the Middle Ages to the 16th Century, ITAL 34200 Introduction to Italian Literature from the 16th Century to the Present
- 1 course from: ITAL 34600 Petrarch, Boccaccio and the Literature of Humanism, ITAL 34700 16th Century Italian Literature, ITAL 34800 17th and 18th Century Literature, ITAL 34900 The Modern Italian Lyric, ITAL 35000 The Modern Italian Novel, ITAL 35100 The Modern Italian Theatre
- Elective
- Elective
- Elective

Spring

- 1 course from: ITAL 34100 Introduction to Italian Literature from the Middle Ages to the 16th Century, ITAL 34200 Introduction to Italian Literature from the 16th Century to the Present, ITAL 34600 Petrarch, Boccaccio and the Literature of Humanism, ITAL 34700 16th Century Italian Literature, ITAL 34800 17th and 18th Century Literature, ITAL 34900 The Modern Italian Lyric, ITAL 35000 The Modern Italian Novel, ITAL 35100 The Modern Italian Theatre
- Elective
- Elective
- Elective
- Elective

Notes:
• Students who complete the intensive language sequence (ITALIAN 103 and 203) in their first year may move on to the third-year major courses in their sophomore year. Students who complete the intensive intermediate Italian course (ITAL 203) by the end of the Fall semester of their second year may move on to the third-year major courses in the Spring semester of their second year.

Degree Map for Italian Literature

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Italian Literature major. The degree map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core

English Comp (EC)

GER

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

ITAL 10100 - Elementary Italian I

Language lab.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs

3 cr.

• Math & Quantitative Reasoning

• Scientific World

• Individual & Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour
3 cr.

**ITAL 10200 - Elementary Italian II**

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ITAL 10100 or one yr high school Italian*

3 hrs
3 cr.

- Individual & Society/ Humanities
- Life and Physical Sciences
- Elective

**Sophomore Year**

**Fall**

**ITAL 20100 - Intermediate Italian I**

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ITAL 10200 or 2 yrs high school Italian*

3 hrs
3 cr.

- US Experience in Its Diversity
- World Cultures & Global Issues
- Elective
- Elective

**Spring**

**ITAL 20200 - Intermediate Italian II**

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

*prereq: ITAL 201 or three yrs high school Italian*
Junior Year

Fall

- 1 course from: ITAL 31100 Advanced Italian Grammar, ITAL 31200 Advanced Italian Composition, ITAL 33100 Italian Phonetics and Diction
- ITAL 34100 Introduction to Italian Literature from the Middle Ages to the 16th Century
- Hunter Focus: Concentrated Study
- Elective
- Elective

Spring

- ITAL 34200 Introduction to Italian Literature from the 16th Century to the Present
- ITAL 34300 Dante's Vita Nuova and Inferno
- Elective
- Elective
- Elective

Senior Year

Fall

- 1 course from: ITAL 34400 Dante's Purgatorio and Introduction to Paradiso, ITAL 34500 Dante's Paradiso and Major Prose Works
- 2 courses from: ITAL 34600 Petrarch, Boccaccio and the Literature of Humanism, ITAL 34700 16th Century Italian Literature, ITAL 34800 17th and 18th Century Literature, ITAL 34900 The Modern Italian Lyric, ITAL 35000 The Modern Italian Novel, ITAL 35100 The Modern Italian Theatre
- Elective
- Elective

Spring

- 3 courses from: ITAL 34600 Petrarch, Boccaccio and the Literature of Humanism, ITAL 34700 16th Century Italian Literature, ITAL 34800 17th and 18th Century Literature, ITAL 34900 The Modern Italian Lyric, ITAL 35000 The Modern Italian Novel, ITAL 35100 The Modern Italian Theatre
- Elective
- Elective
Notes:

- Students who complete the intensive language sequence (ITAL 10300 and ITAL 20300) in their first year may move on to the third-year major courses in their sophomore year. Students who complete the intensive intermediate Italian course (ITAL 20300) by the end of the fall semester of their second year may move on to the third-year major courses in the spring semester of their second year.
- *See department for availability of Intensive ITAL (ITAL 10300 and ITAL 20300).

Degree Map for Jewish Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Classical Archaeology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Individual and Society/ Social Sciences
- US Experience in its Diversity
- Foreign Language Elementary Level 1

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- Scientific World
- Individual and Society/ Humanities
- World Cultures & Global Issues
- Foreign Language Elementary Level 2

Sophomore Year

Fall

HIST 20800 - History of the Jews

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A

GER

2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

prereq or coreq: ENGL 12000
3 hours
3 credits

- Life and Physical Sciences
- Foreign Language Intermediate Level 3
- Elective
- Elective

Spring

HEBR 22200 - Introduction to Jewish Texts and Writings

Hunter Core
World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.

prereq or coreq: ENGL 120
3 hours
3 credits

- Creative Expression
- Foreign Language Intermediate Level 4
- Elective
• Elective

Junior Year

Fall

• Jewish Studies Elective
• Jewish Studies Elective
• (W) Pluralism and Diversity B, C or D
• Elective
• Elective

Spring

• Jewish Studies Elective
• Jewish Studies Elective
• Pluralism and Diversity B, C or D
• Elective
• Elective

Senior Year

Fall

• Jewish Studies Elective
• Pluralism and Diversity B, C or D
• Elective
• Elective
• Elective

Spring

• Jewish Studies Elective
• Elective
• Elective
• Elective
• Elective

Notes:

• Jewish Studies is an inter-departmental, multi-disciplinary program.
• Jewish Studies majors should work with a program advisor to decide upon a sequence of Jewish Studies electives totaling 18 credits (6 classes).
• Jewish Studies electives can be completed with courses in fields such as History, Hebrew language, Literatures, Religion, Sociology and Political Science.
• At least 6 credits (2 classes) must be at the 300 level or above.

Degree Map for Latin

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Latin major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

LAT 10100 - Beginning Latin 1

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.
3 hrs.
3 cr.
offered fall

• Math & Quantitative Reasoning
• US Experience in its Diversity
• Individual & Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour

3 cr.

- Scientific World
- Creative Expression
- LAT 10200 Beginning Latin 2 or LAT 10700 Beginning Latin, Intensive
- Elective

## Sophomore Year

### Fall

**LAT 21100 - Latin Reading: Prose**

Intermediate-level course in reading Latin prose.

**prereq:** LAT 10200 or LAT 10700

3 hrs

3 cr.

**offered fall**

- Life and Physical Sciences
- World Cultures & Global Issues
- Elective
- CLA- prefixed course

### Spring

**LAT 21200 - Latin Reading: Poetry**

Intermediate-level course in reading Latin poetry, usually Virgil or Ovid, in alternating semesters. Offered in the Spring, may be taken twice for credit toward the degree if different authors are read and only with departmental permission. Students who have taken LAT 20100 or LAT 20300 must receive departmental permission to take this course.

**prereq:** LAT 21100; Not open to students who have taken LAT 20100 or LAT 20300.

3 hrs

3 cr.

- Individual & Society/ Humanities
- CLA prefixed course
- Elective
- Elective

## Junior Year

### Fall
GRK 10100 - Beginning Ancient Greek 1

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall
- LATIN 300 Level Elective
- Hunter Focus: Concentrated Study
- Elective
- Elective

Spring

GRK 10200 - Beginning Ancient Greek 2

Elementary course in grammar, syntax and morphology of Ancient Greek.

prereq: GRK 10100
3 hrs
3 cr.
offered spring
- LATIN 300 Level Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- LATIN 300 Level Elective
- CLA Honors or Elective
- Elective
- Elective
- LATIN 300 Level Elective

Spring

- LATIN 300 Level Elective
- Elective
- Elective
- Elective
- LATIN 300 Level Elective

Notes:
• Only one 300 level Latin course is offered each term.
• Majors must take GRK 101 and 102 for the major and the credits do not count toward the major.
• LAT 107 Intensive Latin covers the first two terms of LAT instruction over the course of one term. These students do not take LAT 101 or LAT 102; LAT 107 is 6 credits.
• LAT and GRK 211 offered fall term only. LAT and GRK 212 offered spring term only.
• It is strongly recommended that you see the Classics Division advisor for clarification if needed. It is strongly recommended that majors take CLA 101, CLA 201, CLA 203 and/or 204 to fulfill electives.
• Students who wish to graduate with honors in the major must take CLA 491.

Degree Map for Mathematics BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Mathematics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Please note: Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

- Foreign Language - Elementary Level 1
- Individual and Society/ Social Sciences
- Life and Physical Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

- Foreign Language Elementary Level 2
- Creative Expression

Sophomore Year

Fall
MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600
4 hrs
4 cr.
- Foreign Language Intermediate Level 3
- Individual & Society/ Humanities
- US Experience in its Diversity
- World Cultures & Global Issues

Spring

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.
- Scientific World
- Foreign Language Intermediate Level 4
- Elective

Junior Year

Fall

MATH 35100 - Mathematical Analysis I
Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.

**MATH 25400 - Ordinary Differential Equations**

**GER**

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

**prereq:** MATH 25000

3 hrs

3 cr.

- Elective
- Elective
- Elective

**Spring**

**MATH 26000 - Linear Algebra**

**GER**

3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

**prereq:** MATH 15600

**prereq or coreq:** MATH 25000

4 hrs

4 cr.

**MATH 31100 - Abstract Algebra I**

**GER**

3/B

Introduction to the theory of groups and rings.

**prereq:** MATH 26000

3 hrs

3 cr.

**MATH 25500 - Vector Analysis**

**GER**

3/B
Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.

**prereq:** MATH 25000

3 hrs
3 cr.

- Elective
- Elective

### Senior Year

#### Fall

**MATH 12600 - Precalculus Technology Laboratory**

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving pre-calculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.

**prereq:** MATH 12400, MATH 12500, or MATH 12550 or appropriate score on placement exam

**prereq or coreq:** MATH 12500

2 hrs
1 cr.

- MATH Elective 300 or 400 Level
- Elective
- Elective
- Elective

### Spring

- MATH Elective 300 or 400 Level
- MATH Elective 300 or 400 Level
- Elective
- Elective
- Elective
- Elective

### Notes:

- *Based on Math Placement Exam
- For students who place below MATH 150, please note the following Math sequence: MATH 101 – MATH 125 – MATH 150. If you begin with MATH 125 Pre-calculus, the Degree Map is shifted by one semester and still allows for completion of the major in 4 years.
- At Math 260, students who do well should inquire with the departmental adviser about the BA/MA program.
- Symbolic Computation Proficiency may also be met by passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)
- Required STAT or MATH elective must be approved by Math advisor
- Please see Math advisor for Actuarial Sequence
Degree Map for Mathematics: Quantitative Biology

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Mathematics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Please note: Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

**prereq:** grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs
4 cr.

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq:** successful completion of developmental courses, if required

3 hrs + conf
3 cr.

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

**(prereq or coreq:) MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500**

5 hrs (4 lec, 1 rec)

- Foreign Language - Elementary Level I
- HCR - Individual and Society : Social Sciences

**Spring**

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. *(prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.)*

4 hrs

4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**

Life and Physical Sciences (LPS) Scientific World (SW)

**GER**

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

**(prereq:) CHEM 10200 with grade of C or better**

5 hrs (4 lec, 1 rec)

4 cr.

**CHEM 10500 (STEM) - General Chemistry Laboratory II**

**Hunter Core**

Life and Physical Sciences (LPS) Scientific World (SW)

**Pluralism and Diversity**

**GER 2/E**

Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.

Offered for transfer students who have completed only one semester of General Chemistry Laboratory.

**(prereq:) One semester of General Chemistry Laboratory.**

**(prereq or coreq:) CHEM 10400**
3 hrs
1.5 cr.
  • Foreign Language - Elementary Level II
  • MATH 126, MATH 154 or MATH 385

Sophomore Year

Fall

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.
  • HCR - Creative Expression
  • HCR - US Experience in its Diversity
  • Foreign Language - Intermediate Level I

Spring

CHEM 22200 - Organic Chemistry Lecture I
GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr.

MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

- Foreign Language - Intermediate Level II

Junior Year
Fall

MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

prereq: MATH 25000
3 hrs
3 cr.

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

• HCR - US Experience in its Diversity

Spring
MATH 25500 - Vector Analysis

GER
3/B

Line and surface integrals, Green’s Theorem, divergence theorem, Stokes’ Theorem, generalized coordinates.

prereq: MATH 25000
3 hrs
3 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

- HCR - Individual and Society : Humanities
- ELECTIVE
- ELECTIVE

Senior Year

Fall

MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.

prereq: MATH 25000, 26000
3 hrs
3 cr.

STAT 31900 - Bayesian Statistical Inference in the Sciences

GER
3/B

Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics. Random variables and their distributions. Central limit theorem. Conditional probability, Markov chains and Hidden Markov Models. Bayesian statistical paradigm and inference using Markov chain Monte
Carlo. Computer simulations and data analysis.
prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisities waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
3 cr

BIOL 42500 - Computational Molecular Biology

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

- HCR - Concentrated Study
- ELECTIVE

Spring

MATH 31100 - Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr.

- HCR - Individual and Society : Social Sciences
- ELECTIVE
- ELECTIVE
- ELECTIVE

Degree Map for Media Studies BA (General Media Studies)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Media Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently
satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
- English Comp (EC)
- **GER** 1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required

*3 hrs + conf

*3 cr.*

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**
- Individual & Society - Humanities (I&S H)
- **GER** 2/C

Social, political, and economic factors that determine and shape products of media organizations.

*3 hrs

*3 cr.*

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Scientific World

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
- English Comp (EC)
- **GER** 2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000

*3 hrs + one additional conference hour

*3 cr.*
MEDP 150 / FILMP 150 Media and Film in a Digital Age I
Foreign Language Elementary Level 2
Creative Expression
US Experience in its Diversity

Sophomore Year

Fall

- MEDP 160 / FILMP 160
- HCR - Life and Physical Sciences
- Foreign Language - Intermediate Level I
- ELECTIVE
- ELECTIVE

Spring

- MEDIA - 200 or 300 Level Analytical Elective
- HCR - Individual and Society : Humanities
- Foreign Language - Intermediate Level II
- ELECTIVE
- ELECTIVE

Junior Year

Fall

- MEDIA - 200 or 300 Level Analytical Elective
- MEDIA/MEDP - 200 or 300 Level Analytical or Production Elective
- HCR - Concentrated Study
- ELECTIVE
- ELECTIVE

Spring

- MEDIA - 200 or 300 Level Analytical Elective
- MEDIA/MEDP - 200 or 300 Level Analytical or Production Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Senior Year

Fall
Degree Map for Media Studies: Documentary Production

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Media Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core

English Comp (EC)

GER

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

MEDIA 18000 - Introduction to Media Studies

Hunter Core

Individual & Society - Humanities (I&S H)

GER

2/C
Social, political, and economic factors that determine and shape products of media organizations.

3 hrs 3 cr.

- HCR – Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- HCR - Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

**Hunter Core**
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq: ENGL 12000**
3 hrs + one additional conference hour
3 cr.

- MEDP 150 / FILMP 150
- Foreign Language - Elementary Level II
- HCR - Creative Expression
- HCR - US Experience in its Diversity

Sophomore Year

Fall

- MEDP 160 / FILMP 160
- HCR - Life and Physical Sciences
- Foreign Language - Intermediate Level I
- ELECTIVE
- ELECTIVE

Spring

MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.

Material Fee: $20

**prereq: MEDP/FILMP 16000**
3 hrs
3 cr.
Degree Map for Media Studies: Emerging Media

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Media Studies - Emerging Media major. The Degree Map is a tool to assist you and your adviser in
planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your adviser. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq: successful completion of developmental courses, if required**

3 hrs + conf

3 cr.

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs

3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and
appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- MEDP 150 Media and Film in a Digital Age Pt. 1 / FILMP 150 Media & Film in a Digital Age I
- Foreign Language Elementary Level 2
- Creative Expression
- US Experience in its Diversity

Sophomore Year

Fall

- MEDP 160 Media and Film in a Digital Age Pt. 2 / FILMP 160 Media & Film in a Digital Age Pt. 2
- Life and Physical Sciences
- Foreign Language Level 3
- Elective
- Elective

Spring

- MEDP 200 or 300 Level Production
- MEDP 200 or 300 Level Production
- Individual & Society/ Social Sciences
- Foreign Language Level 4
- Elective

Junior Year

Fall

- MEDP 200 or 300 level Production elective
- MEDP 200 or 300 level Production elective
- MEDIA Analytical Elective
- Concentrated Study
- Elective

Spring

- MEDP 200 or 300 Level Production Elective
- MEDP 200 or 300 Level Production Elective
- MEDIA Analytical Elective
- Elective
- Elective
Senior Year

Fall

- MEDIA Analytical Elective
- Elective
- Elective
- Elective
- Elective

Spring

- Elective
- Elective
- Elective
- Elective
- Elective

Degree Map for Media Studies: Media, Analysis & Criticism

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Media Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core

English Comp (EC)

GER

1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

MEDIA 18000 - Introduction to Media Studies
Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.
- Math & Quantitative Reasoning
- Foreign Language Level 1
- Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.
- MEDP 150 Media and Film in a Digital Age Pt. 1 / FILMP 150 Media & Film in a Digital Age I
- Foreign Language Level 2
- Creative Expression
- US Experience in its Diversity

Sophomore Year

Fall

- MEDP 160 Media and Film in a Digital Age Pt. 2 / FILMP 160 Media & Film in a Digital Age Pt. 2
- Life and Physical Sciences
- Foreign Language Level 3
- Elective
- Elective

Spring

- MEDIA 200 or 300 Level Technologies, Industries and Policies
- Individual & Society/ Social Sciences
- Foreign Language Level 4
- MEDIA 200 or 300 Level Media Representations
• World Cultures & Global Issues

Junior Year

Fall

• MEDIA 200 or 300 Level Media Representations
• MEDIA 200 or 300 Level Technologies, Industries and Policies
• Hunter Focus
• Elective
• Elective

Spring

• MEDIA 200 or 300 Level Media Representations
• MEDIA 200 or 300 Level News, Politics and Propaganda
• Elective
• Elective
• Elective

Senior Year

Fall

• MEDIA 200 or 300 Level News, Politics and Propaganda
• MEDIA/MEDP 200 Level & Above Analytical or Production Elective
• Elective
• Elective
• Elective

Spring

• MEDIA/MEDP 200 Level & Above Analytical or Production Elective
• Elective
• Elective
• Elective
• Elective

Degree Map for Medical Lab Sciences: Clinical Science BS

Freshman Year

Fall
CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.
- Foreign Language Elementary Level 1
- Individual and Society/ Social Sciences

Spring

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**  
Life and Physical Sciences (LPS) Scientific World (SW)  
**GER**  
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

 scaler: CHEM 10200 with grade of C or better  
7 hrs (3 lec, 3 lab, 1 disc)  
4.5 cr.  
*spring only*

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
**Pluralism and Diversity**  
**GER 2/E**

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

 scaler: CHEM 10200  
 scaler: CHEM 10400  
6 hrs  
3 cr.

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**  
English Comp (EC)  
**GER**  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and
appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- FOREIGN LANGUAGE Elementary Level 2

Sophomore Year

Fall

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
FOREIGN LANGUAGE Elementary Level 3

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000

Spring

Creative Expression (CE)
Individual and Society (Humanities) I&S H
US Experience in Its Diversity (USED)
FOREIGN LANGUAGE Elementary Level 4
PHYS 11000 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound

Junior Year

Fall

MLSP 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment.
MLSP 60000 is the graduate component of this course

prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.

3 hrs (2 lec, 1 lab)
3 cr.

MLSP 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.

prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.
prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr.
- Individual and Society (Social Sciences) I&S SS

Spring

MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr.

MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.
coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35200 - Clinical Microbiology II

Continuation of MLSP 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLSP 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.

MLSP 35400 - Clinical Biochemistry I: Biomolecules & Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
Senior Year

Fall

MLSP 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.
prereq: MLSP 35400
5 hrs (2 lec, 3 lab)
3.5 cr.

MLSP 41000 - Professional Practice

Directed full-time experience in clinical, research, public health or other biomedical laboratories. Arranged on an individual basis.
prereq: departmental permission
8 weeks
3 cr.

MLS 45000 - Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.
prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr.

- World Cultures & Global Issues (WCGI)

Spring

MLSP 45700 - Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science.
prereq: perm instr.
2 hrs
3 cr.

MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.
prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr.

**MLSP 43000 - Immunohematology**

Study of the immunologic properties of blood associated with blood group systems, donor screening, transfusion reactions and hemolytic disease and laboratory techniques used to characterize antigen-antibody reactions.

*prereq: MLSP 34900
3 hrs (2 lec, 1 lab)
3 cr.*

**PH 33000 - Principles of Epidemiology**

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
Minimum GPA to enroll - 2.75

*prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.
3 hrs
3 cr.*

**PHILO 25400 - Ethical Issues in Biology and Medical Care (W)**

**GER**

3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.

*prereq: ENGL 12000
3 hrs
3 cr.*

**SOC 30100 - Medical Sociology**

**GER**

3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.

*prereq: SOC 10100
3 hrs
3 cr.*

**MLSP 40000 - Topics in Biomedical Sciences**

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.

**Notes:**
• Students who do not place into MATH 125 should begin with MATH 101 Algebra. The sequence is as follows – MATH 101 – MATH 125 – MATH 150 -MATH 155. If you begin with MATH 101, the Degree Map is shifted by one semester and still allows for completion of the major in 4 years.

• BIOL 100 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

BIOL 100 and 102 may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.

MLSP 410 requires departmental permission

MLSP 457 requires permission from an instructor

Degree Map for Medical Laboratory Sciences: Biomedical Science

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Medical Laboratory Sciences-Biomedical Science major. The Degree Map is a tool to assist you and your adviser in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your adviser. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.
prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

- Foreign Language Elementary Level 1

Spring

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)

GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- Foreign Language Elementary Level 2

Sophomore Year

Fall

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior, ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

 Foreign Language Elementary Level 3

Spring

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

 Creative Expression
Junior Year

Fall

MLSP 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment. MLS 60000 is the graduate component of this course

prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.

3 hrs (2 lec, 1 lab)
3 cr.

MLSP 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.

prereq or coreq: MLSP 30000

5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.

prereq or coreq: MLSP 30000

5 hrs (2 lec, 3 lab)
3 cr.

MLSP 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.

prereq: MATH 15000 or STAT 11300

3 hrs (1 lec, 2 lab)
3 cr.

Spring

MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.

prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.

- coreq: MLS 31200
- 5 hrs (2 lec, 3 lab)
- 3 cr.

MLSP 35200 - Clinical Microbiology II

Continuation of MLSP 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.

- prereq: MLSP 30000, 35100 or equiv.
- 5 hrs (2 lec, 3 lab)
- 4 cr.

MLSP 35400 - Clinical Biochemistry I: Biomolecules & Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.

- prereq: CHEM 22200
- 5 hrs (2 lec, 3 lab)
- 3.5 cr.

Senior Year

Fall

MLSP 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.

- prereq: MLSP 35400
- 5 hrs (2 lec, 3 lab)
- 3.5 cr.

MLS 45000 - Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.

- prereq: MLS 35100
- coreq: MLS 34700, 35200
- 5 hrs (2 lec, 3 lab)
- 4 cr.

World Cultures & Global Issues

Elective
Spring

**MLSP 45700 - Senior Seminar**

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science.

*prereq: perm instr.*

2 hrs
3 cr.

**MLS 46000 - Immunology**

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.

*prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr.*

**PH 33000 - Principles of Epidemiology**

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.

Minimum GPA to enroll - 2.75

*prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.*

3 hrs
3 cr.

- Electives (3-4 cr.)

**Notes:**

- Students who do not place into MATH 12400 (STEM), MATH 12500 (STEM), MATH 12550 (STEM) or above should begin with MATH 10100 Algebra. The sequence is as follows – MATH 10100 – MATH 12400 (STEM), MATH 12500 (STEM), MATH 12550 (STEM), MATH 15000 (STEM), MATH 15500 (STEM). If you begin with MATH 10100, the Degree Map is shifted by one semester and still allows for completion of the major in 4 years.
- BIOL 10000 (STEM) is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.
- BIOL 10000 (STEM) and BIOL 10200 (STEM) may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.
- MLSP 41000 requires departmental permission
- MLSP 45700 requires permission from an instructor

**Degree Map for Music 25 Credit**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Music major. The Degree Map is a tool to assist you and your advisor in planning your academic path
to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs  
1 cr.

**MUSPF 21300 - Piano I**

Basic piano techniques, scales and chords, exercises, simple pieces, and sight-reading.  
**prereq: declared music major or perm dept.**

2 hrs  
1 cr.

**MUSHL 10100 - A Thousand Years of Listening**

**Hunter Core**
Creative Expression (CE)

**Pluralism and Diversity**

PD/D

**GER**

2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.

3 hrs  
3 cr.

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)

**GER**

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.  
**prereq: successful completion of developmental courses, if required**

3 hrs + conf  
3 cr.
Spring

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs

1 cr.

**MUSPF 21400 - Piano II**

Continuation of MUSPF 21300.

*prereq: MUSPF 21300 or perm dept.*

2 hrs

1 cr.

**MUSHL 10100 - A Thousand Years of Listening**

**Hunter Core**

Creative Expression (CE)

Pluralism and Diversity

PD/D

GER

2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.

3 hrs

3 cr.

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

GER

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

- Individual & Society/ Social Sciences
- Foreign Language Elementary Level 2
- Life and Physical Sciences

Sophomore Year
Fall

**MUSTH 22000 - Music Theory I**

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

*prereq: ability to read music as demonstrated by dept. exam, perm dept.*

*coreq: MUSTH 23000*

3 hrs

3 cr.

*offered fall*

**MUSTH 23000 - Musicianship I**

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

*coreq: MUSTH 22000*

3 hrs

2 cr.

*offered fall*

- Individual & Society/ Humanities
- Creative Expression
- Foreign Language Intermediate Level 3

Spring

**MUSTH 22100 - Music Theory II**

Continuation of MUSTH 22000.

*prereq: MUSTH 22000*

*coreq: MUSTH 23100*

3 hrs

3 cr.

*offered spring*

**MUSTH 23100 - Musicianship II**

Continuation of MUSTH 23000.

*prereq: MUSTH 23000*

*coreq: MUSTH 22100*

3 hrs

2 cr.

*offered spring*

- Scientific World
- US Experience in its Diversity
- Foreign Language Level 4

Junior Year
Fall

**MUSHL 20100 - Introduction to Music Research**

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

*coreq: MUSHL 20500
prereq or coreq: ENGL 12000

1 hr
1 cr.
offered fall

**MUSHL 20500 - Music History I**

*Pluralism and Diversity
PD/D

For music majors. Survey of the history of music in the European tradition to 1600.

*prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
*coreq: MUSHL 20100

*prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.

3 hrs
3 cr.
offered fall

• Elective
• Elective
• Elective

Spring

**MUSHL 20600 - Music History II (W)**

*Pluralism and Diversity
PD/D

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.

*prereq: MUSHL 20100, 20500, ENGL 12000
*prereq or coreq: MUSTH 22100, 23100

3 hrs
3 cr.
offered spring

• Elective
• Elective
• Elective
• Elective

Senior Year

Fall
• MUSHL 30500 Music History III (W)
• Elective
• Elective
• Elective
• Elective

Spring

• MUSHL 30600 Music History IV (W) -or- MUSHL 300 level equivalent -or- MUSHL 35200 Introduction to Ethnomusicology I (W)
• Elective
• Elective
• Elective
• Elective

Degree Map for Music 42 Credit

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Music major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

MUSPF 21300 - Piano I

Basic piano techniques, scales and chords, exercises, simple pieces, and sight-reading.

prereq: declared music major or perm dept.

2 hrs
1 cr.

MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor.

Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.

May be taken 8 times.

prereq: perm dept.

1 hr
1 cr.
MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs
1 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Pre-major history if needed: MUSHL 10100 A Thousand Years of Listening

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf
3 cr.

Spring

MUSPF 21400 - Piano II

Continuation of MUSPF 21300.

prereq: MUSPF 21300 or perm dept.

2 hrs
1 cr.

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs
1 cr.

MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

prereq: perm dept.

1 hr
1 cr.

ENGL 22000 - Introduction to Writing about Literature (W)
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

*3 hrs + one additional conference hour*

*3 cr.*

- Pre-major theory if needed: MUSTH 10100 Music Theory Fundamentals
- Individual and Society/ Social Sciences
- Foreign Language Elementary Level 2

---

**Sophomore Year**

**Fall**

- MUSPF xx – ensemble chosen in consultation with music advisor

**MUSPF 40100 - Individual Instruction in Instrument or Voice**

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

**prereq: perm dept.**

*1 hr*

*1 cr.*

**MUSTH 22000 - Music Theory I**

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

**prereq: ability to read music as demonstrated by dept. exam, perm dept.**

**coreq:** MUSTH 23000

*3 hrs*

*3 cr.*

*offered fall*

**MUSTH 23000 - Musicianship I**

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

**coreq:** MUSTH 22000

*3 hrs*
2 cr.
offered fall
- Individual & Society/ Humanities
- Creative Expression
- Foreign Language Level 3

Spring

- MUSPFxx - choice of ensemble

**MUSPF 40100 - Individual Instruction in Instrument or Voice**

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

**prereq:** perm dept.

1 hr
1 cr.

**MUSTH 22100 - Music Theory II**

Continuation of MUSTH 22000.

**prereq:** MUSTH 22000

**coreq:** MUSTH 23100

3 hrs
3 cr.

offered spring

**MUSTH 23100 - Musicianship II**

Continuation of MUSTH 23000.

**prereq:** MUSTH 23000

**coreq:** MUSTH 22100

3 hrs
2 cr.

offered spring

**MUSTH 20100 - Introduction to Music Technology**

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.

**prereq or coreq:** prereqs: MUSTH 22000 and 23000, or perm dept.

1 hr
1 cr.

offered spring

- Scientific World
- US Experience in its Diversity
- Foreign Language Level 4
Junior Year

Fall

**MUSHL 20100 - Introduction to Music Research**

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

*coreq: MUSHL 20500*

*prereq or coreq: ENGL 12000*

1 hr

1 cr.

*offered fall*

**MUSHL 20500 - Music History I**

**Pluralism and Diversity**

**PD/DD**

For music majors. Survey of the history of music in the European tradition to 1600.

*prereq: elementary knowledge of music history and literature, demonstrated by dept. exam*

*coreq: MUSHL 20100*

*prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.*

3 hrs

3 cr.

*offered fall*

**MUSTH 32000 - Music Theory III**

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

*prereq: MUSTH 20100, MUSTH 22100*

*coreq: MUSTH 33000*

3 hrs

3 cr.

*offered fall*

**MUSTH 33000 - Musicianship III**

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.

*prereq: MUSTH 23100*

*coreq: MUSTH 32000*

3 hrs

2 cr.

*offered fall*

**MUSPF 40100 - Individual Instruction in Instrument or Voice**

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level
2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

prereq: perm dept.

1 hr
1 cr.
- MUSPF xx –choice of ensemble
- Elective
- Elective

Spring

MUSHL 20600 - Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.

prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

MUSTH 32100 - Music Theory IV

Continuation of MUSTH 32000.

prereq: MUSTH 32000
3 hrs
3 cr.
- MUSTH 300-level equivalent

MUSTH 33100 - Musicianship IV

Continuation of MUSTH 33000.
prereq: MUSTH 33000
coreq: MUSTH 32100
3 hrs
2 cr.
offered spring
- Elective
- Life and Physical Sciences
- Elective

Senior Year

Fall
- MUSHL 30500 Music History III (W)
- MUSPF 40100 Individual Instruction in Instrument or Voice
- MUSPF xx – choice of ensemble
- MUSPF xx – choice of ensemble
- Elective
- Elective

Spring

- MUSHL 30600 Music History IV (W) -or- MUSHL 300 level elective or *MUSHL 35300 Introduction to Ethnomusicology II (W)
- Elective
- Elective
- Elective

Degree Map for Music 60 cr. BMus

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Music major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr.

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr.

MUSHL 10100 - A Thousand Years of Listening
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr.

**MUSPF 21300 - Piano I**

Basic piano techniques, scales and chords, exercises, simple pieces, and sight-reading.
*prereq: declared music major or perm dept.*
2 hrs
1 cr.

- Math & Quantitative Reasoning
- Life and Physical Sciences
- Foreign Language Level 1

**Spring**

**MUSPF 43100 - Individual Instruction in Instrument or Voice**

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required. May be taken 8 times.
*prereq: perm dept.*
1 hr
3 cr.

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr.

**MUSPF 21400 - Piano II**

Continuation of MUSPF 21300.
*prereq: MUSPF 21300 or perm dept.*
2 hrs
1 cr.

**MUSTH 10100 - Music Theory Fundamentals**

Hunter Core
Creative Expression (CE)
GER
2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

• Individual & Society/ Social Sciences
• Foreign Language Level 2

Sophomore Year

Fall

MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr.

MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall
- MUSPF choice of ensemble — students must be in an ensemble in every semester in which they are given private lessons
- Foreign Language Level 3
- Individual & Society/ Humanities

Spring

MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr.

MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.
prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

MUSTH 23100 - Musicianship II

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr.
offered spring
- MUSPF – choice of ensemble
- Scientific World
- Foreign Language Level 4

Junior Year
MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required. May be taken 8 times.

prereq: perm dept.
1 hr
3 cr.

MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

MUSHL 20500 - Music History I

Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.

prereq: elementary knowledge of music history and literature, demonstrated by dept. exam

coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
offered fall

MUSTH 32000 - Music Theory III

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr.
offered fall

MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.

prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.
offered fall
  • Elective

Spring

MUSHL 20600 - Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

MUSTH 32100 - Music Theory IV

Continuation of MUSTH 32000.
prereq: MUSTH 32000
3 hrs
3 cr.

MUSTH 33100 - Musicianship IV

Continuation of MUSTH 33000.
prereq: MUSTH 33000
coreq: MUSTH 32100
3 hrs
2 cr.
offered spring
  • US Experience in Its Diversity (USED)
  • Creative Expression (CE)

Senior Year

Fall

  • MUSHL 30500 - Music History III (W)
  • ELECTIVE
  • ELECTIVE
  • ELECTIVE

Spring

  • MUSPF 43100 - Individual Instruction in Instrument or Voice + graduation recital
• MUSPFxxx - choice of ensemble
• MUSHL 30600 - Music History IV (W) -or- MUSHL 300-level equivalent
  -or-
• MUSHL 35200 - Introduction to Ethnomusicology I (W)
• ELECTIVE
• ELECTIVE
• ELECTIVE

Notes:

* determined by experience and placement test.

Degree Map for Philosophy BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Religion major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

PHILO 10100 - Introduction to Philosophy

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C
Examination of basic philosophical questions through study of selected philosophical classics.

**prereq or coreq:** ENGL 12000

3 hrs

3 cr.

offered each semester

- Math & Quantitative Reasoning
- Foreign Language Level 1
- US Experience in Its Diversity

### Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

Hunter Core

English Comp (EC)

GER

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour

3 cr.

**PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)**

Pluralism and Diversity

PD/D

GER

3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.

**prereq:** ENGL 12000 and one previous course in philosophy.

3 hrs

3 cr.

**PHILO 17000 - Introduction to Logic and Scientific Method**

Hunter Core

Scientific World

An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.

3 hrs.

3 cr.

- Foreign Language Level 2
- Scientific World

Sophomore Year
Fall

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

• Foreign Language Level 3
• Individual & Society/ Humanities
• Life and Physical Sciences

Spring

PHILO 31800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

prereq: ENGL 12000 and two previous courses in philosophy
3 hrs
3 cr.

• World Cultures & Global Issues
• Foreign Language Level 4
• PHILO 36000, PHILO 36200, PHILO 36400, PHILO 37800, PHILO 37900
• Creative Expression

Junior Year
Fall

PHILO 38000 - Major Figures in Philosophy (W)

GER
3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:

PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W)
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)

prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs
3 cr

- Philosophy Elective
- Elective
- Elective
- Elective

Spring

- Philosophy Elective
- Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- Philosophy Elective
- Elective
- Elective
- Elective
- Elective

Spring
• Elective
• Elective
• Elective
• Elective
• Elective

Notes:

• Chosen in consultation with an advisor. Students are required to select at least on courses (3 cr.) at the 300-level. In addition, they are encouraged to select courses that acquaint them with philosophic traditions other than the dominant Western ones.

Degree Map for Philosophy, Politics and Society

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Philosophy major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.

* 3 hrs
* 3 cr.

*offered each semester*

  - Math & Quantitative Reasoning
  - Foreign Language Level 1
  - US Experience in its Diversity

---

**Spring**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
**GER**
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*
*3 hrs + one additional conference hour*
*3 cr.*

**PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)**

**Pluralism and Diversity**
PD/D
**GER**
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.

*prereq: ENGL 12000 and one previous course in philosophy.*
*3 hrs*
*3 cr.*

**PHILO 24600 - Political Philosophy (W)**

**GER**
3/B

Study of selected philosophical problems in politics, law, economics and society.

*prereq: ENGL 12000 and one previous course in philosophy.*
*3 hrs*
*3 cr.*
  - Foreign Language Level 2
  - Scientific World

---

**Sophomore Year**
Fall

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

- PHILO 24800 - International Ethics (W) or PHILO 25000 - Problems of Ethics and Society (W) or PHILO 24400 Moral Philosophy (W) or PHILO 25500 Environmental Philosophy (W) Individual & Society/Humanities
- Life and Physical Sciences

Spring

PHILO 31800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

prereq: ENGL 12000 and two previous courses in philosophy
3 hrs
3 cr.

PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and
environmental rights.

prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.

3 hrs
3 cr.

PHILO 39300 - Philosophical Systems

GER
3/A

Study of writings of one or two major philosophers.
prereq: variable (see Program Prerequisites)

3 hrs
3 cr.

• World Cultures & Global Issues
• Creative Expression
• Foreign Language Level 4

Junior Year

Fall

PHILO 38000 - Major Figures in Philosophy (W)

GER
3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W)
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)

prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs
3 cr

• Philosophy Elective
• Elective
• Elective
• Elective

Spring
• Philosophy Elective
• Elective
• Elective
• Elective
• Elective

Senior Year

Fall

• Philosophy Elective
• Elective
• Elective
• Elective
• Elective

Spring

• Elective
• Elective
• Elective
• Elective
• Elective

Notes:

• Philosophy Electives can be chosen from 200 and 300 level PHILO courses (excluding including PHILO 171); 6 credits of this requirement may be taken from the non-departmental Faculty Advisor.

Degree Map for Physics Option 1

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Physics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year
Fall

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

Spring

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000
4 hrs
4 cr.*

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.*

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.*

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

*prereq: PHYS 11000 or 11100*

*prereq or coreq: (with perm dept.): MATH 15500*

8 hrs (4 lec, 3 lab, 1 rec)

5.5 cr.

Sophomore Year

Fall

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

PHYS 23500 - Modern Physics Laboratory

GER
3/B

Selected experiments of quantum physics and optics. Experiments may include nuclear half-life, microwave diffraction, Bragg scattering of x-rays, nuclear multichannel scintillation, Franck-Hertz quantum levels, Millikan oil drop. Error analysis techniques including Gauss and Poisson distributions and correlation of data. Programming for data analysis.

*prereq: PHYS 12000 or 12100*

4 hrs

2 cr.

PHYS 33500 - Intermediate Mechanics

Study of laws of motion and coordinate systems; introduction to powerful analytical techniques.

*prereq: PHYS 12000 or 12100*

*prereq or coreq: MATH 25000*

4 hrs

4 cr.

MATH 25000 - Calculus III
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.  
**prereq:**  MATH 15500, MATH 15600  
*4 hrs*  
*4 cr.*

### Spring

**PHYS 33000 - Atomic and Nuclear Physics**

Examines experimental evidence and develops modern view of structure of atom and nucleus.  
**prereq:**  PHYS 12000 or 12100  
**prereq or coreq:**  MATH 25000  
*4 hrs*  
*4 cr.*

**PHYS 23000 - Classical Physics Laboratory**

**GER**  
3/B  
Selected experiments of mechanics, electricity/magnetism, and thermodynamics. Experiments may include driven oscillator resonance, coupled oscillators, liquid nitrogen heat of vaporization, Fourier analysis/filtering, ferromagnetic hysteresis, and the nonlinear pendulum period. Elementary error analysis techniques and computer software for data analysis/graphing.  
**prereq:**  PHYS 12000 or 12100  
*4 hrs*  
*2 cr.*

**MATH 25400 - Ordinary Differential Equations**

**GER**  
3/B  
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.  
**prereq:**  MATH 25000  
*3 hrs*  
*3 cr.*  
- Foreign Language Elementary Level 1  
- US Experience in Its Diversity

### Junior Year

### Fall

**PHYS 33400 - Intermediate Electricity and Magnetism**
Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.

*prereq: PHYS 12000 or 12100
*prereq or coreq: MATH 25000
4 hrs
4 cr.

**PHYS 22200 - Electronics Laboratory**

**GER**
3/B

Experiments are performed with passive devices (capacitors, inductors, resistors) and active devices (diodes, transistors). A variety of transistor amplifier and oscillator circuits are studied as well as integrated circuit applications.

*prereq: PHYS 22100
4 hrs
2 cr.

**PHYS 22100 - Electronics**

**GER**
3/B


*prereq: PHYS 12000 or PHYS 12100
4 hrs
4 cr.

• Foreign Language Elementary Level 2
• Individual and Society/ Social Sciences

**Spring**

• Elective
• Foreign Language Intermediate Level 3
• Individual and Society/ Humanities
• Elective
• Elective

**Senior Year**

**Fall**

• Foreign Language Intermediate Level 4
• Creative Expression
• Elective
• Elective
• Elective
Spring

- World Cultures & Global Issues
- Elective
- Elective (If needed)
- Elective (If needed)

Notes:

- For students who place below MATH 150, please note the following Math sequence: MATH 101 – MATH 12550 – MATH 150. If you start MATH 125 Precalculus, the degree map is shifted by one semester and still allows for completion of the major in 4 years
- For students planning to prepare for teaching, he or she should take ASTRO 101, GEOL 100 and BIOL 100 as well as those required for secondary education.

Degree Map for Physics Option 2

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Physics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

- CHEM 10200 (STEM) - General Chemistry I
- MATH 15000 (STEM) - Calculus with Analytic Geometry I
- ENGL 12000 - Expository Writing
- PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Spring

- MATH 15500 (STEM) - Calculus with Analytic Geometry II
- CHEM 10400 (STEM) - General Chemistry II
- CHEM 10600 (STEM) - General Chemistry Laboratory
- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
Sophomore Year

Fall

- ENGL 22000 - Introduction to Writing about Literature (W)
- BIOL 10000 (STEM) Principles of Biology I
- MATH 25000 - Calculus with Analytic Geometry III
- PHYS 33000 - Atomic and Nuclear Physics

Spring

- BIOL 10200 (STEM) Principles of Biology II
- PHYS 33400 - Intermediate Electricity and Magnetism
- Foreign Language Elementary Level 1
- US Experience in Its Diversity

Junior Year

Fall

- Foreign Language Elementary Level 2
- Individual and Society/ Social Sciences
- CHEM 22200 Organic Chemistry Lecture I
- PHYS 33600 Thermodynamics and Statistical Mechanics

Spring

- Foreign Language Intermediate Level 3
- Individual and Society/ Humanities
- BIOL 20300 Molecular Biology and Genetics
- PHYS 42000 Introduction to Biophysics

Senior Year

Fall

- Foreign Language Intermediate Level 4
- Creative Expression
- BIOL 30000 Biological Chemistry
- ELECTIVE

Spring
Degree Map for Political Science

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Political Science major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- Individual and Society/ Social Sciences

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- POLSC 10000, POLSC 11500, POLSC 20000 or POLSC 25000
- Creative Expression
- Foreign Language - Elementary Level 2
- Life and Physical Sciences

Sophomore Year

Fall

- POLSC 10000, POLSC 20000 or POLSC 25000 or any 200 level course
- Scientific World
- Foreign Language - Intermediate Level 3
- Elective
- Elective

Spring
• POLSC 20000 or POLSC 25000 or any 200 level course
• Individual and Society/ Humanities
• Foreign Language - Intermediate Level 4
• Elective
• Elective

Junior Year

Fall

• POLSC Elective
• POLSC 300 Level Elective
• POLSC 300 or 400 Level Elective
• Elective
• Elective

Spring

• POLSC Elective or 300 level Elective
• POLSC 300 Level Elective
• Elective
• Elective
• Elective

Senior Year

Fall

• POLSC 300 or 400 Level Elective
• POLSC Elective or Elective
• POLSC Elective or Elective
• POLSC 49100 (honors track) or Elective
• POLSC 49300 (honors track) or Elective

Spring

• POLSC 49200 or Elective
• POLSC 300- or -400 level Elective
• Elective
• Elective
• Elective

Notes
• Majors are required to take at least one course in each of the four following subfields of the discipline: American Government, Political Theory, Comparative Politics, and International Relations
• Majors must complete at least three 300-level courses (from any subfields)
• Students may distribute their remaining courses in the major as they see fit. However, students contemplating graduate work are encouraged to specialize appropriately in consultation with the department's faculty members.
• No more than 6 credits in internship, independent study, and/or experiential courses (such as Model United Nations) may be used to satisfy the 30 credits in the major. Also, such credits may not be used to satisfy the distribution requirements in the four fields. Courses taken for Credit/No Credit may not be applied toward the major.
• POLSC 491, 492, and 493 are only for Political Science majors, with a 3.5 GPA in the major, who elect to complete the POLSC Honors Thesis.

Degree Map for Psychology

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Psychology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

• Based on math placement results: MATH 10100* or MATH 101EN* or STAT 11300** or MATH 12500 (STEM)** (Note: ** only STAT 113 or MATH 125 satisfies MQR, must earn C or better)
• Life and Physical Sciences (must be lab science course, minimum 4 cr.)
PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.

3 hrs
3 cr.

- Elective

Spring

- English Composition 2
- STAT 11300** or MATH 12500 (STEM)** (if MATH 101 or MATH 101EN is taken in fall) or Elective, must earn C or better
- Individual & Society/ Social Sciences
- PSYCH 1 (must earn B or better)
- World Cultures & Global Issues

Sophomore Year

Fall

- PSYCH 2 (from Content Area Options)
- Scientific World (must be lab science course, minimum 4 credits)
- Foreign Language Elementary Level 1
- US Experience in Its Diversity
- Elective

Spring

- PSYCH 24800 Statistical Methods in Psychological Research
- PSYCH 2 (from different Content Area options)
- Foreign Language Elementary Level 2
- Creative Expression
- Individual & Society/ Humanities

Junior Year

Fall

- PSYCH 25000 Experimental Psychology: General
- PSYCH 2 (from different Content Area options)
• Foreign Language Intermediate Level 3
• Elective
• Elective

Spring

• PSYCH 2 or 3 (Major Elective # 1)
• Elective
• Foreign Language Intermediate Level 4
• Elective
• Elective

Senior Year

Fall

• PSYCH 3 (from Psychology Focus Area options)
• PSYCH 2 or 3 (Major elective #2)
• Elective
• Honors Research or elective
• Elective

Spring

• PSYCH 3 (from Psychology Focus Area options)
• Elective
• Honors Research or Elective
• Elective

Notes:

• Meet with the Psychology advisor prior to second year.
• Declare major at or before 60 earned credits.
• Plan to accumulate at least 90 earned credits by the end of the third year.
• Select Focus Area of Study in Psychology in consultation with the Psychology major advisor.
• Discuss Honors option with the Psychology major advisor.
• Incorporate research experiences into the plan of study.

Degree Map for Religion

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Religion major. The Degree Map is a tool to assist you and your Religion advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a
minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your Religion advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

*Hunter Core*
- English Comp (EC)
- GER
- 1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

- HCR - Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- HCR - Individual and Society : Social Sciences
- HCR - US Experience in its Diversity

Spring

**REL 11000 - Nature of Religion (W)**

*Hunter Core*
- Individual and Society (Humanities) - I&S H
- GER
- 2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.

3 hrs

3 cr.

**ENGL 22000 - Introduction to Writing about Literature (W)**

*Hunter Core*
- English Comp (EC)
- GER
- 2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.
• Foreign Language - Elementary Level II
• HCR - Creative Expression
• HCR - Scientific World

Sophomore Year

Fall

REL 11100 - Approaches to Religion (W)

Hunter Core
Individual and Society (I&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
prereq: ENGL 12000
3 hrs
3 cr.

• HCR - Life and Physical Sciences
• Foreign Language - Intermediate Level I
• ELECTIVE
• ELECTIVE

Spring

REL 25100 - Asian Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr.

• Foreign Language - Intermediate Level II
• ELECTIVE
• ELECTIVE
• ELECTIVE

Junior Year

Fall
REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.

prereq: ENGL 12000
3 hrs
3 cr.

- REL - Course in Theoretical Studies In Religion
- ELECTIVE
- ELECTIVE
- HCR - Concentrated Study

Spring

- REL - Course in Issues in Religion
- REL - Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

Senior Year

Fall

- REL - Elective
- REL - Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- REL - Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

Degree Map for Romance Languages BA (Spanish and French)
The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Romance Language (Spanish and French) major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

**Freshman Year**

**Fall**

- ENGL 12000 Expository Writing
- Math & Quantitative Reasoning
- SPAN 10100 Elementary Spanish I -or- SPAN 10300 Intensive Elementary Spanish -or- SPAN 10500 Basic Reading and Writing for Native Speakers of Spanish (Note: Students opting for Intensive 6 cr. Option would postpone SW and M&QR for the following semester.)
- FREN 10100 Elementary French I -or- FREN 10300 Intensive Elementary French (Note: Students opting for Intensive 6 cr. Option would postpone SW and M&QR for the following semester.)
- Scientific World

**Spring**

- ENGL 22000 Introduction to Writing about Literature (W)
- Life and Physical Sciences
- SPAN 10200 Elementary Spanish II -or- SPAN 20300 Intensive Intermediate Spanish -or- SPAN 10600 Oral and Written Skills for Native Speakers of Spanish (Note: Students opting for Intensive 6 cr. Option would postpone LIPS and I&S/H for the following semester.)
- Individual & Society/ Humanities
- FREN 10200 Elementary French II -or- FREN 20300 Intensive Intermediate French (Note: Students opting for Intensive 6 cr. Option would postpone LIPS and I&S/H for the following semester.)

**Sophomore Year**

**Fall**

**SPAN 20100 - Intermediate Spanish I**

Language lab mandatory.
Spanish for English speakers.

*prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr.*

**FREN 20100 - Intermediate French I**
Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr.

- US Experience in Its Diversity
- Creative Expression

Spring

- SPAN 20200 Intermediate Spanish II -or- SPAN 20800 Advanced Spanish for Native Speakers
- World Cultures & Global Issues
- Life and Physical Sciences
- FREN 20200 Intermediate French II
- Individual & Society/ Social Sciences

Junior Year

Fall

- SPAN 34100 Introduction to Hispanic Literature I
- FREN 34100 Survey of French Literature from the Middle Ages to the End of the 17th Century
- One course in Advanced Literature in SPAN (See online catalog for titles)
- One course in Advanced Literature in FREN (See online catalog for titles)
- Elective

Spring

- SPAN 34200 Introduction to Hispanic Literature II
- FREN 34200 Survey of French Literature from the 18th Century to the Modern Period
- One course in Advanced Literature in SPAN (See online catalog for titles)
- One course in Advanced Literature in FREN (See online catalog for titles)
- Elective

Senior Year

Fall

- One course in Advanced Literature in SPAN (See online catalog for titles)
- Elective
- One course in Culture and Translation in SPAN (See online catalog for titles)
- Elective
- Elective
Spring

- One course in Advanced Literature in FREN (See online catalog for titles)
- Elective
- One course in Culture and Translation in FREN (See online catalog for titles)
- Elective
- Elective

Notes:

- Students interested in Study Abroad should speak with Professor Schinaider about the Spanish Department’s summer program in Madrid, Spain, and the January program in Argentina. This program carries a minimum of 6 credit hours that may be applied to the major and 3 that will count as elective credits.
- *See department for availability of Intensive (FREN 103 and FREN 203).
- If you decide to major in Romance Languages, you will be REQUIRED speak with an advisor for EACH discipline.

Degree Map for Romance Languages BA (Spanish and Italian)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Romance Language (Spanish and Italian) major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

Prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

SPAN 10100 - Elementary Spanish I
Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

ITAL 10100 - Elementary Italian I

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

- Math & Quantitative Reasoning
- Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.

prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr.

ITAL 10200 - Elementary Italian II

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr.

- Life and Physical Sciences
• Individual & Society/ Humanities

Sophomore Year

Fall

SPAN 20100 - Intermediate Spanish I

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr.

• US Experience in Its Diversity
• Creative Expression

ITAL 20100 - Intermediate Italian I

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr.

Spring

SPAN 20200 - Intermediate Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr.

• World Cultures & Global Issues
• Life and Physical Sciences
• ITAL 20200 Intermediate Italian II
• Individual and Society (Social Sciences)

Junior Year

Fall

SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.

**GER**

3/A

Selections from Dante to Ariosto.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century**

3/A

Selections from Dante to Ariosto.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present**

**Spring**

**SPAN 34200 - Introduction to Hispanic Literature II**

Pluralism and Diversity

PD/D

**GER**

3/A

Selections from Tasso to contemporary writers.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present**

Pluralism and Diversity

GER 3/A PD/D

Selections from Tasso to contemporary writers.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
Elective

Senior Year

Fall

- One course in Advanced Literature in SPAN (See online catalog for titles)
- Elective
- One course in Culture and Translation in SPAN (See online catalog for titles)
- Elective
- Elective

Spring

- One course in Advanced Literature in ITAL (See online catalog for titles)
- Elective
- One course in Culture and Translation in ITAL (See online catalog for titles)
- Elective
- Elective

Notes:

- Students interested in Study Abroad should speak with Professor Schinaider about the Spanish Department's summer program in Madrid, Spain, and the January program in Argentina. This program carries a minimum of 6 credit hours that may be applied to the major and 3 that will count as elective credits.
- *See department for availability of Intensive (ITAL 103 and ITAL 203).
- If you decide to major in Romance Languages, you will be REQUIRED speak with an advisor for EACH discipline.

Degree Map for Russian Language

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Russian major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**
Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop, and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

RUSS 10100 - Elementary Russian

The course introduces students to elementary reading, speaking, listening, and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 10300. For details about credit policy, please see Language Proficiency Requirement.

prereq: By departmental permission only.
2 sems, 3 hrs
3 cr. each sem.

• Math & Quantitative Reasoning
• Scientific World
• Individual & Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr. each sem.

• Individual and Society/ Humanities
• Life and Physical Sciences
• Elective
Sophomore Year

Fall

**RUSS 20100 - Intermediate Russian I**

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.

*prereq: RUSS 10200 or 10300*

*3 hrs*

*3 cr.*

- US Experience in Its Diversity
- Elective
- Elective
- Elective

Spring

**RUSS 20200 - Intermediate Russian II**

Selected readings in Russian literature. Practice in oral and written expression.

*prereq: RUSS 20100*

*3 hrs*

*3 cr.*

- Creative Expression
- Elective
- Elective
- Elective

Junior Year

Fall

- 1 course from: RUSS 301-302, 312-315, 317-319, 370 or 498 (See online catalog for titles)
- 1 course from: RUSS 155-158, 245-246, 256 (See note below for specific information)(See online catalog for titles)
- Elective
- Elective
- World Cultures & Global Issues

Spring

- RUSS 301-302, 312-315, 317-319, 370 or 498 (See online Catalog for titles)
- RUSS 155-158, 245-246, 256 (See note below for specific information)(See online catalog for titles)
- Elective
- Elective
- Elective
Senior Year

Fall

- RUSS 301-302, 312-315, 317-319, 370 or 498 (See online catalog for titles)
- Elective
- Elective
- Elective
- Elective

Spring

- RUSS 301-302, 312-315, 317-319, 370 or 498 (See online catalog for titles)
- Elective
- Elective
- Elective
- Elective

Notes:

- Russian language sequence requires students to take 6 CREDITS IN LITERATURE AND CULTURE courses. One of the courses must be a 300-level literature course or a Special Topics course conducted in Russian (all 245 and 246 courses). The other course can be a culture or a literature course in English, including Russ-155; Russ-156; Russ-157; Russ-158; all of 200-level literature courses, including Special Topics courses in English (all 256 courses for 3 credits); or Russ-37003 (Independent Study for 3 credits) by permission of the program head.
- *See department for availability of Intensive (RUSS 103 and RUSS 203).
- Students who are exempt from the language requirement through proficiency testing or by permission of the program head are required to take 18 credits in 300-level language courses including 49803 (Internship).

Degree Map for Russian Language & Culture

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Russian major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing
Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

RUSS 10100 - Elementary Russian

The course introduces students to elementary reading, speaking, listening and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 10300. For details about credit policy, please see Language Proficiency Requirement.

prereq: By departmental permission only.
2 sems, 3 hrs
3 cr. each sem.

• Math & Quantitative Reasoning
• Scientific World
• Individual & Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr. each sem.

• Individual & Society/ Humanities
• Life and Physical Sciences
• Elective
Sophomore Year

Fall

**RUSS 20100 - Intermediate Russian I**

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.

*prereq: RUSS 10200 or 10300*

*3 hrs*

*3 cr.*

- US Experience in Its Diversity
- Elective
- Elective
- Elective

Spring

**RUSS 20200 - Intermediate Russian II**

Selected readings in Russian literature. Practice in oral and written expression.

*prereq: RUSS 20100*

*3 hrs*

*3 cr.*

- Creative Expression
- Elective
- Elective
- Elective

Junior Year

Fall

- 1 course from: RUSS 301-302, 312-315, 317-319, 370 or 498 (3 credits) (See online catalog for titles)
- 1 course from: RUSS 155-158, 245-246, 256 (See note below for specific information)(See online catalog for titles)
- Elective
- Elective
- World Cultures & Global Issues

Spring

- 1 course from: RUSS 301-302, 312-315, 317-319, 370 or 498 (See online Catalog for titles)
- 1 course from: RUSS 155-158, 245-246, 256 (See note below for specific information)(See online catalog for titles)
- Elective
- Elective
Senior Year

Fall

- 1 course from: RUSS 155-158, 245-246, 256 (See note below for specific information)(See online catalog for titles)
- Elective
- Elective
- Elective
- Elective

Spring

- RUSS 155-158, 245-246, 256 (See note below for specific information) (3 credits) (See online catalog for titles)
- Elective
- Elective
- Elective
- Elective
- Elective

Notes:

- Russian language sequence requires students to take 12 CREDITS IN LITERATURE AND CULTURE courses. One of the courses must be a 300-level literature course or a Special Topics course conducted in Russian (all 245 and 246 courses). The other course can be a culture or a literature course in English, including Russ-155; Russ-156; Russ-157; Russ-158; all of 200-level literature courses, including Special Topics courses in English (all 256 courses for 3 credits); or Russ-37003 (Independent Study for 3 credits) by permission of the program head.
- *See department for availability of Intensive (RUSS 103 and RUSS 203).
- Students who are exempt from the language requirement through proficiency testing or by permission of the program head are required to take 18 credits in 300-level language courses including 49803 (Internship).

Degree Map for Russian Translation

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Russian Translation major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year
Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
GER
1/A

Required of all students unless exempt
This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

**RUSS 10100 - Elementary Russian**

The course introduces students to elementary reading, speaking, listening and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 103.

*prereq: By departmental permission only.*

2 sems, 3 hrs

3 cr. each sem.

- Scientific World
- Individual & Society/ Social Sciences
- Math & Quantitative Reasoning

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**RUSS 10200 - Elementary Russian**

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
Sophomore Year

Fall

RUSS 20100 - Intermediate Russian I

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.  
prereq: RUSS 10200 or 10300
3 hrs
3 cr.

- US Experience in Its Diversity
- Elective
- Elective
- Elective

Spring

RUSS 20200 - Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.  
prereq: RUSS 20100
3 hrs
3 cr.

- Creative Expression
- Elective
- Elective
- Elective
- Elective

Junior Year

Fall

RUSS 21500 - Translating Culture: Introduction to Theory and Practice of Translation

Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in 20th century. Designed for students interested in translation in any language.  
prereq: ENGL 12000
3 hrs
3 cr.
RUSS 30100 - Advanced Russian I

Mastery of grammar in its application to writing, listening comprehension and oral expression.
*prereq:* RUSS 20200 or equiv.
3 hrs
3 cr.
- World Cultures & Global Issues
- Elective
- Elective

Spring

RUSS 31700 - Practical Aspects of Translation

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.
*prereq:* RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 30200 - Advanced Russian II

GER
3/A

Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports.
*prereq:* RUSS 20200 or equiv
3 hrs
3 cr.
- Elective
- Elective
- Elective

Senior Year

Fall

RUSS 31800 - Advanced Translation

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation.
*prereq:* ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
3 cr.
- RUSS 300 Level Course (3 credits) (See note below for specific information) (See online Catalog for titles)
- Elective
- Elective
- Elective
Spring

RUSS 49800 - Internship in Russian and Slavic Studies

Students who enroll in the course can work in corporations, government agencies and non-profit organizations. In addition to gaining work-related skills, students develop contacts for future employment and acquire job-related experience. No more than 6 total internship credits can be taken, 3 credits count toward Russian major or minor.

preq: Russian 20200 or an equivalent, or by permission of the head of the program; ENGL 12000

3 cr.

• RUSS 300 Level Course (3 credits) (See note below for specific information) (See online catalog for titles)
• Elective
• Elective
• Elective

Notes:

• Concentration in Russian translation: for students with interest in acquiring training in Russian translation in a variety of professional fields. Requirements for the concentration in Russian translation include:
  o 6 credits in Russian language at the intermediate level (RUSS 20100 and RUSS 20200) or 6 credits in the intensive RUSS 20300 for heritage speakers.
  o RUSS 21500 Translating Culture: Introduction to Theory and Practice of Translation for 3 credits.
  o RUSS 30100 Advanced Russian I for 3 credits
  o RUSS 30200 Advanced Russian II for 3 credits
  o RUSS 31700 Practical Aspects of Translation for 3 credits
  o RUSS 31800 Advanced Translation for 3 credits
  o RUSS 49803 Internship in Russian and Slavic Studies for 3 credits

• Students exempt from the Russian language requirement through proficiency testing or by permission of the Division Head are required to take also either:
  o one 300-level literature course taught in Russian for 3 credits and one of the following 300-level language courses: RUSS 31200, RUSS 31300, RUSS 31400, RUSS 31500, or RUSS 31900 for 3 credits (6 credits in all) or:
  o two 300-level language courses from the following courses: RUSS 31200, RUSS 31300, RUSS 31400, RUSS 31500, or RUSS 31900 for 6 credits.
  o *See department for availability of Intensive (RUSS 103 and RUSS 203).

Degree Map for Russian: Russian & East Central European Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Russian major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year
Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf
3 cr.

**RUSS 10100 - Elementary Russian**

The course introduces students to elementary reading, speaking, listening and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 10300. For details about credit policy, please see Language Proficiency Requirement.

*prereq: By departmental permission only.*

2 sems, 3 hrs
3 cr. each sem.

- Math & Quantitative Reasoning
- Life and Physical Sciences
- US Experience in its Diversity

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour
3 cr.

**RUSS 10200 - Elementary Russian**

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr. each sem.

- Individual & Society/ Humanities
- Life and Physical Sciences
- Elective

Sophomore Year

Fall

RUSS 20100 - Intermediate Russian I

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.

_prereq:_ RUSS 10200 or 10300

3 hrs
3 cr.

- US Experience in Its Diversity
- RECE Course in History
- RECE Course in Literature/Culture or Arts
- Elective

Spring

RUSS 20200 - Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.

_prereq:_ RUSS 20100

3 hrs
3 cr.

- Creative Expression
- RECE Course in Political Science
- Elective
- Elective

Junior Year

Fall

- RUSS 200 or 300 Level Elective
- World Cultures & Global Issues
- Elective
- Elective
- Elective

Spring
Senior Year

Fall

- RUSS 200 or 300 Level Elective
- Elective
- Elective
- Elective
- Elective

Spring

- Elective
- Elective
- Elective
- Elective
- Elective

Notes:

- *Students opting for Intensive 6 cr. option would postpone SW or I&S/SS for the following semester.
- **Students opting for Intensive 6 cr. option would postpone LIPS or I&S/H for the following semester
- Requirements for RECE include Russian or Slavic language proficiency or a pre- or corequisite of 6 credits in Russian or Slavic language at the 20200 (intermediate) level or above and 18 credits distributed as follows: Russian or East Central European history (3 cr.); RECE area political science (3 cr.); Russian or East Central European literature, culture or arts (3 cr.); and three additional 200- or 300-level courses chosen from two of the following categories: anthropology, economics, geography, history, political science and literature, culture or arts. Students should select courses in consultation with their RECE adviser. In addition to their 18- to 24-credit concentration, students are strongly urged to choose 12 minor credits from disciplines related to RECE.

Degree Map for Sociology

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Sociology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.
Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**

English Comp (EC)

**GER**

1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

**SOC 10100 - Introduction to Sociology**

**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

**GER**

2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs

3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Life and Physical Sciences

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

- Creative Expression
- Foreign Language Elementary Level 2
- Individual & Society/ Humanities
• Scientific World

Sophomore Year

Fall

• World Cultures & Global Issues
• US Experience in its Diversity
• Foreign Language Intermediate Level 3
• SOC 200 Level Elective
• Elective

Spring

SOC 24100 - Social Statistics

GER
3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.
prereq: SOC 10100
3 hrs
3 cr.

• Foreign Language Intermediate Level 4
• Elective
• Elective
• Elective

Junior Year

Fall

SOC 22400 - Sociological Theory (W)

This course represents an advanced undergraduate introduction to the central figures and issues in 19th and 20th century sociological theory. The course is writing intensive, and will involve drafting, revising, and submitting three written essays.

3 hrs
3 cr.

SOC 24000 - Introduction to Research Methods

GER
3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and
content analysis. Firsthand involvement in the collection of quantitative data.

**Prereq:** SOC 10100

3 hrs
3 cr.

- Elective
- Elective
- Elective

### Spring

- SOC 200 or 300 Level Elective
- Elective
- Elective
- Elective
- Elective

### Senior Year

#### Fall

- SOC 47000 Sociology Capstone
- SOC 200, 300 or 400 Level Elective
- Elective
- Elective
- Elective

#### Spring

- SOC 200, 300 or 400 Level Elective
- Elective
- Elective
- Elective
- Elective

### Notes:

The major requires 15 elective credits at least 6 of which must be in courses at the 300 level or above. No more than 3 credits from the following may be used to satisfy this requirement.

- SOC 33100 Field Placement in Social Work Agencies
- SOC 33200 Advanced Field Placement in Social Work Agencies
- SOC 37101 Independent Study
- SOC 37200 Independent Study
- SOC 47100 Honors/Independent Study
- SOC 47200 Honors/Independent Study
- SOC 49800 Internship

Students may design their own areas of concentration but they are not required to do so.
Degree Map for Spanish Literature BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Spanish Literature major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

SPAN 10100 - Elementary Spanish I

Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
- Math & Quantitative Reasoning (based on placement)
- Scientific World
- Individual & Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an
emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**SPAN 10200 - Elementary Spanish II**

Language lab mandatory.
Spanish for English speakers.

*prereq: ENGL 12000*

3 hrs + one additional conference hour
3 cr.

**SPAN 26300 - Contemporary Spanish-American Literature in Translation**

Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.

*prereq: ENGL 12000*

3 hrs
3 cr.

- Individual & Society/ Humanities
- Life & Physical Sciences

**Sophomore Year**

**Fall**

**SPAN 20100 - Intermediate Spanish I**

Language lab mandatory.
Spanish for English speakers.

*prereq: SPAN 10200 or two yrs high school Spanish*

3 hrs
3 cr.

- US Experience in Its Diversity
- Creative Expression
- Elective
- Elective

**Spring**

**SPAN 20200 - Intermediate Spanish II**

Language lab mandatory.
Spanish for English speakers.

*prereq: SPAN 20100 or three yrs high school Spanish*

3 hrs
3 cr.
• World Cultures & Global Issues
• Elective
• Elective
• Elective

Junior Year

Fall

• 2 courses from SPAN 21100 - SPAN 27600 range: Intermediate Language, Literature or Culture
• Elective
• Elective

Spring

SPAN 31100 - The Structure of Modern Spanish


prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.

prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.

• SPAN 33500 Spanish Civilization -or- SPAN 33600 Latin American Civilization
• Elective
• Elective

Senior Year

Fall

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.

prereq: SPAN 31100 or equiv.
SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 34100
coreq: SPAN 31200

Spring

- 5 courses from SPAN 34300 - SPAN 37600 range: Advanced Language, Literature or Culture Courses

Notes:

- *Students opting for Intensive 6 cr. Option would postpone SW or I&S/SS for the following semester
- **Students opting for Intensive 6 cr. Option would postpone LIPS or I&S/H for the following semester.
- Students interested in Study Abroad should speak with Professor Schinaider about the Spanish Department's summer program in Madrid, Spain, and the January program in Argentina. This program carries a minimum of 6 credit hours that may be applied to the major and 3 that will count as elective credits.
- This roadmap reflects the path of a student with no previous background in Spanish. Students with prior knowledge of Spanish may be able to begin with more advanced courses and should see the department for appropriate placement prior to the beginning of their first semester. Students with no previous background in Spanish are advised to take the intensive sequence of SPAN 10300 (6 credits) and SPAN 20300 (6 credits) in their first year in order to enable the start of the major as soon as possible. As an alternative, such students might take the regular sequence of SPAN 10100 and SPAN 10200 in their first year, and then complete SPAN 20100 and SPAN 20200 in summer session. Finally, for students entering the major at the Elementary Spanish level, Study Abroad is highly recommended.
- 300-level Advanced Literature or Culture course should be distributed among the following categories:
  - 6 credits in Peninsular literature before the 19th century (SPAN 34300, SPAN 34500, SPAN 34600, SPAN 34900, SPAN 35000, SPAN 35300 or SPAN 37000 when appropriate)
  - 9 credits in Latin American literature (SPAN 36000 SPAN 36200 SPAN 36400 SPAN 36500 SPAN 36600 SPAN 36700 SPAN 36800 SPAN 37100), at least 3 credits of which must be in contemporary literature (SPAN 36400 SPAN 36500 SPAN 36600 SPAN 36700 or SPAN 37100 when appropriate)
  - 6 credits chosen from among any course in literature from Spain or Latin America numbered above SPAN 34200.

Degree Map for Spanish Translation and Interpretation

Freshman Year
Fall

ENGL 12000 - Expository Writing  
Hunter Core  
English Comp (EC)  
GER  
1/A  
Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research. 
prereq: successful completion of developmental courses, if required  
3 hrs + conf  
3 cr.

SPAN 10300 - Intensive Elementary Spanish  
Equivalent to material covered in 10100 and 10200. Language lab mandatory.  
Spanish for English speakers.  
6 hrs  
6 cr.  
• Math/Quantitative Reasoning (MQR)  
• Scientific World (SW)

Spring

ENGL 22000 - Introduction to Writing about Literature (W)  
Hunter Core  
English Comp (EC)  
GER  
2/A  
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.  
prereq: ENGL 12000  
3 hrs + one additional conference hour  
3 cr.

SPAN 20300 - Intensive Intermediate Spanish  
Language lab mandatory.  
Spanish for English speakers.  
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200  
6 hrs  
6 cr.  
• Individual and Society (Humanities) I&S H  
• ELECTIVE
Sophomore Year

Fall

Language Proficiency Requirement:

**SPAN 21100 - Spanish Grammar and Composition**

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.

*prereq: SPAN 20200 or 20300*

3 hrs

3 cr.

-or-

**SPAN 27000 - Spanish Composition for Spanish Speaking Students**

*prereq: SPAN 20800 or perm adviser*

3 hrs

3 cr.

- US Experience in Its Diversity (USED)
- Life and Physical Sciences (LPS)
- Creative Expression (CE)
- ELECTIVE

Spring

**SPAN 31100 - The Structure of Modern Spanish**


*prereq: SPAN 21100 or permission of departmental adviser*

3 hrs

3 cr.

**SPAN 34100 - Introduction to Hispanic Literature I**

**Pluralism and Diversity**

PD/D

GER

3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.

*prereq or coreq: SPAN 31100 or dept. perm*

3 hrs

3 cr.

- World Cultures & Global Issues (WCGI)
- Individual and Society (Social Sciences) I&S SS
- ELECTIVE
Junior Year

Fall

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.

*prereq: SPAN 31100 or equiv.*

3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

**Pluralism and Diversity**

PD/D

GER
3/A

*prereq: SPAN 34100*

*coreq: SPAN 31200*

3 hrs
3 cr.

- One course from ENGL 20100, ENGL 21800, ENGL 30100, ENGL 30800, ENGL 30900
- ELECTIVE
- ELECTIVE

Spring

- SPAN 31300 Spanish Stylistics
- Two courses in Contemporary Spanish or Spanish American Theatre narrative or essay above SPAN 342 or from any of the following: SPAN 35300, SPAN 35500, SPAN 35700, SPAN 35800, SPAN 36200, SPAN 36400, SPAN 36500, SPAN 36600, SPAN 36700, SPAN 36800, SPAN 37000, SPAN 37100, SPAN 37400 or from AFPRL (taught in Spanish) or one of the above PLUS one course in Spanish or Spanish American Culture: SPAN 33500 or SPAN 33600.

- ELECTIVE
- ELECTIVE

Senior Year

Fall

- SPAN 38000 Introduction to Translation and Interpretation Studies
• One course from SPAN 38200 or SPAN 38300
• One course from Option A or B (see below under Notes: for specific information)
• One course from ENGL 20100, ENGL 21800, ENGL 30100, ENGL 30800, ENGL 30900

Spring

• One course from SPAN 38100 or SPAN 38400
• One course from SPAN 39000 Translation and Interpretation for the Professions (legal, literary or medical)
• One course from ENGL 20100, ENGL 21800, ENGL 30100, ENGL 30800, ENGL 30900
• One course from Option A or B (see Notes: below for specific information)
• One course from SPAN 39100 or SPAN 39200

Notes:

Students interested in Study Abroad should speak with Professor Schinaider about the Spanish Department's summer program in Madrid, Spain, and the January program in Argentina. This program carries a minimum of 6 credit hours that may be applied to the major and 3 that will count as elective credits.

Major consists of 51-57 credits. Students who demonstrate proficiency in Spanish through a placement exam may be exempted from some courses. Please see an adviser as soon as possible for proper direction.

Choose either Option A or Option B:

Option A: two courses in Contemporary Literature written in English from the following courses (6 credits)
ENGL 32000, ENGL 32100, ENGL 37700, ENGL 37900, AFPRL 35600 (See online catalog for titles).

Option B: One course from Option A above and one of the following courses (6 credits):
ANTHC 15100, ANTHC 35100, ANTHC 35300, ANTHC 35400, AFPRL 18100, ENGL 33200, MEDPL 20100, MEDPL 20200, THEA 16100, THEA 26100, THEA 26200. These course may be counted for credits in more than one program.

Degree Map for Statistics

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Statistics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Please note: Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.
Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required

3 hrs + conf
3 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

- Foreign Language Elementary Level 1
- Life and Physical Sciences
- Individual & Society/ Social Sciences

Spring

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

**ENGL 22000 - Introduction to Writing about Literature (W)**
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour

3 cr.

### STAT 21200 - Discrete Probability

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.

3 hrs

3 cr.

- Foreign Language Elementary Level 2
- Creative Expression

### Sophomore Year

### Fall

#### STAT 21400 - Data Analysis Using Statistical Software

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building

**prereq:** STAT 21300 or MATH 12400 or MATH 12500 or MATH 12550 and STAT 11300 with grade of C or better in each course.

3 hrs

3 cr.

#### MATH 15500 (STEM) - Calculus II

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.
prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

• Foreign Language Intermediate Level 3
• Individual & Society/ Humanities

Spring

MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

• Foreign Language Intermediate Level 4
• Scientific World
• World Cultures & Global Issues

Junior Year

Fall

STAT 31100 - Probability Theory

GER
3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.  
*prereq: MATH 25000.*

3 hrs  
3 cr.

- MATH 25400 Ordinary Differential Equations  
- or-  
- MATH 35400 Dynamical Systems and Chaos  
- US Experience in Its Diversity  
- Elective  
- Elective

**Spring**

**STAT 31200 - Stochastic Processes**

**GER**  
3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.  
*prereq: STAT 31100*  
3 hrs  
3 cr.

**STAT 31300 - Introduction to Mathematical Statistics**

**GER**  
3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.  
*prereq: STAT 31100*  
3 hrs  
3 cr.

- Elective  
- Elective  
- Elective

**Senior Year**

**Fall**

**STAT 31200 - Stochastic Processes**

**GER**  
3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.  
*prereq: STAT 31100*  
3 hrs  
3 cr.

- Pluralism and Diversity A, B, C or D
• STAT or MATH Elective
• Elective
• Elective
• Elective

Spring

• Elective
• Elective
• Elective
• Elective
• Elective

Notes

• Students who do not place into STAT 213 will begin with MATH 101 Algebra or MATH 125 Pre-calculus: The sequence is as follows – MATH 101 or MATH 101EN. [If you make a C you also take MATH 10150] – MATH 12550 [If you make a C, you must take MATH 140] or MATH 124 and MATH 140 or MATH 125 and MATH 140 – STAT 213. If you begin with MATH 101, the Degree Map is shifted by two semesters and still allow for completion of the degree in 4 years; in this case, the MATH or STAT elective will be taken in the last semester.
• **STAT 212 and 214 could be taken either fall or spring and in any order or at the same time
• At Math 260, students who do well should consider our BA/MA program. See the Statistics advisor.
• Required STAT or MATH elective must be approved by Statistics advisor
• Please see Statistics advisor for Actuarial sequence
• STAT 311 is taught fall and spring but STAT 312 and 313 are spring and summer only.

Degree Map for Studio Art (42 cr.) BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Geography major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

_prereq: successful completion of developmental courses, if required_
3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Individual & Society/Social Sciences
- ARTLA 10100 Introduction to Study of Visual Experience
- Foreign Language Elementary Level 1

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

_Hunter Core_
English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

_prereq: ENGL 12000_

3 hrs + one additional conference hour
3 cr.

**ARTLA 10100 - Introduction to Study of Visual Experience**

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.

Material Fee: $25
6 hrs
3 cr. + 3 cr. hrs open studio

- Elective
- Life & Physical Sciences
- Foreign Language Elementary Level 2

Sophomore Year

Fall

**ARTCR 22100 - Drawing**

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.

Material Fee: $50

_prereq: ARTLA 20100_
ARTH 11100 - Introduction to History of Art

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

Spring

- ARTCR 200 or 300 level Elective
- Individual & Society/ Humanities
- Foreign Language Intermediate Level 4
- World Cultures & Global Issues
- Elective

Junior Year

Fall

- ARTCR 200 or 300 level Elective
- Scientific World
- Creative Expression
- ARTH Elective
- Elective

Spring

- ARTCR 200 or 300 level Elective
- Area of Study Course
- Elective
- Elective
- Elective
Senior Year

Fall

- ARTCR 200 or 300 level Elective
- Area of Study Course
- ARTH Elective
- Elective
- Elective

Spring

- ARTCR 200 or 300 level Elective
- Area of Study Course
- Elective
- Elective
- Elective

Degree Map for Theatre

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Theatre major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf
3 cr.

THEA 10100 - Introduction to Theatre
Hunter Core
Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.

3 hrs
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- Individual and Society/ Social Sciences
- Foreign Language Elementary Level 2
- Individual & Society/ Humanities
- Life & Physical Sciences

Sophomore Year

Fall

THEA 21100 - World Theatre I (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.

prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

- US Experience in its Diversity
• Foreign Language Intermediate Level 3
• Elective
• World Cultures & Global Issues

Spring

THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 16100 - Acting I: Basic Acting Techniques

For intended majors and non-majors. Exploration of the fundamentals of acting technique through exercises and improvisation.
coreq: .
3 hrs
3 cr.
• Foreign Language Level 4
• Elective
• Elective

Junior Year

Fall

THEA 21300 - World Theatre III (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.
THEA 25100 - Theatre Production

Introduction to the theory and practice of theatrical production. Includes required practical work on departmental productions.

*prereq: THEA 10100 or perm instr.*

5 hrs

3 cr.

THEA 26100 - Acting II: American Realism

GER

Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism.

*prereq: THEA 16100 or perm instr.*

4 hrs

3 cr.

- Hunter Focus
- Elective

Spring

THEA 32100 - Play Analysis (W)

Pluralism and Diversity

PD/D

GER

3/A

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.

*prereq: THEA 21100 or 21200 or 21300

3 hrs

3 cr.

- THEA 28300 - Stagecraft or THEA 28500 - Design Concepts for Theatre, Film, and Television
- Elective
- Elective
- Elective

Senior Year

Fall

- THEA 38100 - Scene Design I -or- THEA 38300 - Costume Design I -or- THEA 38400 - Stage Lighting Design
- THEA 300 Level Elective
- Elective
- Elective
- Elective
Spring

- THEA 300 Level Elective
- Elective
- Elective
- Elective
- Elective

Degree Map for Urban Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Urban Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

URBS 10100 - Urban Life: Personal and Observational View (W)

Hunter Core
Individual & Society - Social Science I&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.

3 hrs
3 cr.

- Math & Quantitative Reasoning
Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
**GER**
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

- Individual and Society/ Humanities
- Foreign Language Elementary Level 2
- Creative Expression
- Life and Physical Sciences

Sophomore Year

Fall

**URBS 10200 - Structure of Urban Region (W)**

**Hunter Core**
Individual and Society Social Science (I&S SS)
**GER**
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy.

*prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.*

3 hrs

3 cr.

- Scientific World
- Foreign Language Intermediate Level 3
- Elective
- Elective

Spring

**URBS 20100 - Urban Plans and Policies**
Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making. 

*prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.*

3 hrs

3 cr.

- World Cultures & Global Issues
- Foreign Language - Intermediate Level 4
- Elective
- Elective

Junior Year

Fall

**URBS 31000 - Methods of Urban Research and Policy Analysis**

**GER**

3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.

*prereq: URBS 10200 or perm instr.*

3 hrs

3 cr.

- URBS 400 Level Elective
- Elective - Basic Social Science Component
- Elective - Basic Social Science Component
- Elective

Spring

**URBS 31100 - Quantitative Approaches to Urban Analysis**

**GER**

3/B

A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.

*prereq: Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.*

3 hrs

3 cr.

- URBS 400 Level Elective
- Elective
- Elective
• Elective

Senior Year

Fall

**URBS 40900 - Urban Studies Internship**

**GER**

3/B

Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.

3 hrs

3 cr.

• Elective
• Elective
• Elective
• Elective

Spring

• Elective
• Elective
• Elective
• Elective
• Elective

Notes:

Students should consult with a program advisor to choose 6 credits (2 courses) of upper-level social science classes appropriate to students' interest. This component can also be met by another 300- or 400-level urban-related course, if approved by the undergraduate advisor.

**Degree Map for Women and Gender Studies**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Women and Gender Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.
Freshman Year

Fall

**ENGL 12000 - Expository Writing**

*Hunter Core*
English Comp (EC)
**GER**
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf
3 cr.

**WGS 10000 - Introduction to Gender and Sexuality Studies**

*Hunter Core*
Individual and Society - Social Sciences (I&S SS)
**Pluralism and Diversity**
**GER**
2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.

3 hrs
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Scientific World

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

*Hunter Core*
English Comp (EC)
**GER**
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.
- US Experience in its Diversity
- Foreign Language Elementary Level 2
- Individual and Society/ Humanities
- Life & Physical Sciences

Sophomore Year

Fall

WGS 20100 - Classics in Feminist Thought (W)

Pluralism and Diversity
PD/C
GER
3/A or B

The course covers the historical debates within the ‘women’s movement’ in the United States by examining some of the ‘classical’ texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. ‘Foundational’ texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory’s influence to the discipline. Even as the course reads ‘classic’ texts of the discipline, we will critically examine the formation of a cannon.

prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr.
- Creative Expression
- Foreign Language Intermediate Level 3
- Elective
- Elective

Spring

WGS 24400 - Transnational Feminisms

Pluralism and Diversity
PD/C
GER
3/A or B

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.

prereq: WGS 10000, ENGL 12000
3 hrs
3 cr.

- Foreign Language Intermediate Level 4
- World Cultures & Global Issues
- Elective
- Elective

Junior Year

Fall

- WGS Concentration Course I
- WGS Elective
- (W) Pluralism and Diversity A, B, or D
- Elective
- Elective

Spring

- WGS Concentration Course II
- Pluralism and Diversity A, B, or D
- Elective
- Elective

Senior Year

Fall

- WGS Concentration Course III
- WGS Elective
- Pluralism and Diversity A, B, or D
- Elective
- Elective

Spring

WGS 31000 - Research Seminar: Feminist Theory and Methodology

Open to Jr/Sr only. Study of the theoretical models that feminist scholars create to guide their work and application of feminist methodology to a research project. To graduate with honors in Women's Studies, majors must enroll in this seminar.

Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar.

prereq: WGS 10000, 20100, at least one other WGS course at 200-level or higher
3 hrs
3 cr.

Spring Semester

- Elective
- Elective
- Elective

Notes:

- Women and Gender Studies majors take 9 credits (3 classes) in one of six Areas of Concentration. See the WGS website for a list of Area of Concentrations and associated courses.
- Students take 6 credits (2 classes) of WGS or cross-listed elective classes.
- 3 Credits (1 course) of the two elective classes MUST be in an alternate Area of Concentration than the primary one selected.
- At least one of the courses within the Area of Concentration or elective must be 300 level or above.

Early Childhood Education, Birth-Grade 2 - BA

The Early Childhood, Birth through Grade 2 undergraduate teacher education program prepares students to become New York State certified teachers of early childhood education. This program is designed to prepare prospective teachers to serve as high-quality educators for students in urban schools and other childcare settings. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools. This is a 39-42 credit program in which students have an option to complete the course of study over four or six semesters.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Complete at least 30 credits toward the Bachelor's degree. Students with more than 72 credits should consider pursuing Early Childhood Education at the graduate level.
2. Attain a Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Declare an appropriate liberal arts and sciences major either preceding admission or upon admission to the program.
Liberal Arts & Sciences Major Requirement

All students in School of Education programs must also declare a major in the School of Arts & Sciences. This major must lead to a BA degree.

See the School of Arts & Sciences for more information on major options.

Academic Progress Standards

Students must meet the following criteria in order to continue in the program:

- A minimum grade of C or better in all non-field courses (Courses can only be repeated once)
- A minimum grade of B or better in all fieldwork courses. (Fieldwork courses can only be repeated once)
- Maintain a cumulative GPA of at least 3.0
- Complete 6 credits of study in a foreign language (or be exempt from the foreign language requirement) prior to the completion of ECC 30600: Language and Literacy for Children of Diverse Backgrounds, K-2
- Complete Math 10400 (STEM) with a minimum grade of C prior to registering for ECC 31000: Mathematics in Early Childhood.
- Follow the course sequence, which represents the required classes that Early Childhood students must take each semester. The courses for each semester must be completed successfully in that term.

Course of Study

Academic Plan: ECHEDB2-BA

Credits: 39-42

MATH 10400 (STEM) - Mathematics for Elementary Education I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.

*prereq: grade of C or better in MATH 10100 or MATH 101EN or appropriate score on the placement exam
3 hrs
3 cr.

ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8

This course will examine the history of child development and the major theories and theorists in the area of child development. An understanding of research strategies and the impact of cultural, biological and environmental influences on the development of young children will also be examined. Current research in the areas of prenatal
development, physical, cognitive, language, social, emotional and early brain development will also be discussed.

**prereq:** ENGL 12000

**coreq:** ECF 20100, ECC 30000

3 hrs

3 cr.

**ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education**

An examination and analysis of the social and historical contexts of early childhood education including applications to contemporary issues in the education of young children in families, childcare centers, schools and communities in urban settings.

**coreq:** ECF 20000; ECC 30000

2 hrs

2 cr

**ECC 30000 - Early Childhood Programs and Curricular Frameworks**

Students will gain an in-depth understanding of the array of early childhood programs that comprise the field of early care and education. In addition, students will learn about philosophies and approaches to curriculum that are commonly used in early childhood settings including Montessori education, Reggio Emilia, the Project Approach, High Scope Curriculum, and the Creative Curriculum.

**coreq:** ECF 20000, ECF 20100

3 hrs

3 cr.

**ECC 30400 - Creative Arts and Play-Based Learning**

Theoretical and practical aspects of play, creativity and arts-based learning are the central tenets of this course. Students will gain fundamental knowledge for constructing playful learning experiences across early learning settings, particularly within the context of the standards-based, high-stakes accountability climate of education in the United States and beyond.

**prereq:** ECC 30000, ECF 20000, ECF 20100

2 hrs

2 cr

**ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (B-Prekindergarten)**

This course is grounded in research and practice in language learning and the development of early literacy among diverse learners. Examination of the process of literacy development between Birth and age 4 and the role of families, programs and schools in early literacy development.

**prereq:** 6 credits of foreign language; ECC 30000, ECF 20000, ECF 20100

3 hrs

3 cr.

**ECC 30100 - Field work/Internship 1**
This supervised experience gives students the means to connect conceptual and theoretical information about children in a preschool setting. Students will have the opportunity to examine the developmental progression of early and emergent skills as they relate to infant, toddler, and preschoolers' development. Students will also have the opportunity to discuss developmentally appropriate assessments and how parents/caregivers can document developmental milestones of children birth through age 4.

Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

coreq: ECC 30500
prereq or coreq: ECF 20000, ECC 30000, ECC 30400
50 hrs.
1 cr.
Offered fall and spring

ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds

An overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will also gain knowledge and skills on working with children who are emerging language learners (ELLs). Assessment and screening strategies will be discussed to meet the educational needs of all students.

prereq: ECF 20000, ECC 30000, ECC 30500
3 hrs
3 cr.

ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade

Theoretical and practical aspects of early childhood literacy instruction with particular emphasis on teaching literacy to diverse populations between the grades of Kindergarten and 2nd grade will be addressed. In addition, the role of family and community involvement and the use of technology for literacy development.

prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500
3 hrs
3 cr.

ECC 30200 - Field work/Internship 2

This supervised experience gives students the means to connect conceptual and theoretical information about children in kindergarten through second grade. Students will have the opportunity to examine the listening, speaking, reading, and writing development of young children across a variety of cultural and linguistic communities. Students will examine the roles of families, programs, schools, and communities in urban environments, as well as the assessment of early literacy development.

Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.
Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

**ECCE 30000 - Mathematics in Early Childhood**

Examines the theories and research that focus on the relationship between children's development and learning of mathematical concepts and skills. Appropriate mathematics activities for children from birth through second grade and ways of assessing mathematical learning in diverse infant, toddler, preschool, and grade K-2 settings.

**prereq:** MATH 10400, ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800

**coreq:** ECC 31000

**3 hrs**

**3 cr.**

**Offered fall and spring**

**ECCE 31100 - Early Childhood Science and Inquiry-Based Learning**

Explores the theories and research of scientific thinking in young children. Assessing science learning in diverse infant, toddler, preschool and grade K-2 settings and how to incorporate the use of community resources in scientific learning will be discussed.

**prereq:** Two semesters of natural science which must include: 3 credits eligible to meet CUNY Common Core in Life and Physical Sciences and 3 credits eligible to meet CUNY Common Core in Scientific World (CSCI and ECO courses do not qualify for this requirement); ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500, ECC 30600, ECC 30800

**2 hrs**

**2 cr.**

**ECCE 30300 - Field work/Internship 3**

This supervised experience gives students the means to connect conceptual and theoretical information about children in first or second grade. Students will have the opportunity to examine developmentally appropriate activities for children and ways of assessing learning in diverse settings. Students will examine the roles of families, programs, schools, and communities in urban environments, as well as the assessment of mathematical and science development. Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

**prereq:** ECF 20000, ECF 20100, ECC 30000, ECC 30100, ECC 30200, ECC 30400, ECC 30500, ECC 30600, ECC 30800

**coreq:** ECC 31000

**50 hrs.**

**1 cr.**

**Offered fall and spring**
**ECC 31400 - Health, Family, and Community Partnerships**

This course gives students the means to understand how to promote children's health, safety, and nutrition. Students will also gain skills and knowledge needed to foster positive, reciprocal relationships with families of diverse backgrounds. In meeting the NYSDOE mandate, child abuse, drug abuse prevention, prevention of school violence, anti-bullying, and fire safety workshops are included.

*prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100*

3 hrs
3 cr.

**ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade**

Provides students with an understanding of the role of assessment for planning and implementing effective early childhood instruction for young children, ages birth to age eight, from culturally diverse environments and with varied learning needs.

*prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100*

3 hrs
3 cr.

**ECC 40100 - Student Teaching**

Students will complete one semester of student teaching in early childhood settings, including preK settings, kindergarten, first, and second grade classrooms. Students will complete their student teaching in at least two of the following early childhood settings: pre-kindergarten, kindergarten, first grade or second grade. Students will attend seminar for 30 hours during the semester to discuss topics that range from classroom management to supporting children with diverse learning needs. During student teaching, students will complete the Teacher Performance Assessment (edTPA).

*prereq: ECF 20000, ECF 20100, ECF 40200 ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100, ECC 31400*

3 hrs
3 cr.

**Six-Semester Track**

**Semester 1**

ECF 20000 Human Development and Theories of Learning, Prenatal-Age 8

ECC 30000 Early Childhood Programs and Curricular Frameworks

ECF 20100 Social and Historical Foundations of Early Childhood Care and Education

MATH 10400 (STEM) - Mathematics for Elementary Education I (or its prerequisite, if required: MATH 10100 or MATH 101EN)

**Semester 2**
ECC 30500 Language and Literacy for Children of Diverse Backgrounds (B-Prekindergarten)
ECC 30400 Creative Arts and Play-Based Learning
ECC 30100 Field work/Internship 1
MATH 10400 (STEM) - Mathematics for Elementary Education I (if not yet taken)

**Semester 3**
ECC 30600 Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade
ECC 30800 Inclusionary Practices and Teaching Children of Diverse Backgrounds
ECC 30200 Field work/Internship 2

**Semester 4**
ECC 31000 Mathematics in Early Childhood
ECC 31100 Early Childhood Science and Inquiry-Based Learning
ECC 30300 Field work/Internship 3

**Semester 5**
ECC 31400 Health, Family, and Community Partnerships
ECF 40000 Assessment in Early Childhood, Birth through 2nd Grade

**Semester 6**
ECC 40100 Student Teaching

**Four-Semester Track**

**Semester 1**
ECF 20000 Human Development and Theories of Learning, Prenatal-Age 8
ECC 30000 Early Childhood Programs and Curricular Frameworks
ECC 30100 Field work/Internship 1
ECC 30400 Creative Arts and Play-Based Learning
ECC 30500 Language and Literacy for Children of Diverse Backgrounds (B-Prekindergarten)
MATH 10400 (STEM) - Mathematics for Elementary Education I (or its prerequisite MATH 10100, if required)
Semester 2

ECF 20100 Social and Historical Foundations of Early Childhood Care and Education
ECC 30200 Field work/Internship 2
ECC 30600 Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade
ECC 30800 Inclusionary Practices and Teaching Children of Diverse Backgrounds
MATH 10400 (STEM) - Mathematics for Elementary Education I (if not yet taken)

Semester 3

ECF 40000 Assessment in Early Childhood, Birth through 2nd Grade
ECC 30300 Field work/Internship 3
ECC 31000 Mathematics in Early Childhood
ECC 31100 Early Childhood Science and Inquiry-Based Learning

Semester 4

ECC 31400 Health, Family, and Community Partnerships
ECC 40100 Student Teaching

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Economics - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses/CUNY Common Core Requirement
• MATH 12500 (STEM) Precalculus Math & Quantitative Reasoning (MQR)
• MATH 15000 (STEM) Calculus I Math & Quantitative Reasoning (MQR)
• MATH 15200 (STEM) Calculus for Life and Social Sciences Math & Quantitative Reasoning (MQR)
• ECO 10000 Introduction to Economics Individual & Society
• ECO 20000 Principles of Microeconomics Scientific World
• ECO 22100 Economic Statistics Math & Quantitative Reasoning (MQR)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Majors

The Department of Economics offers two Economics majors. The first, discussed below, is the Economics - BA, requiring a minimum of 33 credits. In addition, for motivated students, the department offers the opportunity to complete both the BA and MA degrees simulataneously, where 30 of the 126 credits required for graduation are graduate credits. Students interested in this option should click this link: Economics -BA/MA

Grade Options

The department strongly urges economics majors who plan to go on to graduate or professional school to choose letter grades rather than CR/NC.

Courses Required for the Major (33- 46 credits)

Students may place out of MATH 10100/MATH 101EN, MATH 10150, MATH 12400 (STEM)/MATH 12500 (STEM)/MATH 12550 (STEM), MATH 14000, MATH 15000 (STEM)/MATH 15200 (STEM) and MATH 15500 (STEM) requirements without replacing the credits. See the Mathematics and Statistics department for details.

Students majoring in economics must take:

A. Math Sequence (0-13 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs. 

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)

3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics. 

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH 12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH 15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

B. Required Economics Courses (21 credits)

ECO 10000 - Introduction to Economics
**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

GER

2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.

ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

prereq: Math/Writing Proficient/Non degree students

3 hrs

3 cr.

**ECO 20000 - Principles of Microeconomics**

GER

2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.

May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs

3 cr.

**ECO 20100 - Principles of Macroeconomics**

GER

2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.

May be taken prior to or concurrently with ECO 20000.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs

3 cr.

**ECO 22100 - Economic Statistics**

Hunter Core

Mathematics and Quantitative Reasoning

GER

1/B
Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

**prereq:** Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500

3 hr lecture or 2 hr lecture/1 hr discussion

3 cr.

**ECO 30000 - Intermediate Microeconomics**

**GER**

3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.

**prereq:** ECO 20000, 20100 and MATH 15000 or MATH 15200

3 hrs

3 cr.

**ECO 30100 - Intermediate Macroeconomics**

**GER**

3/B

Growth, employment and prices in the short and long run; monetary and fiscal policy.

**prereq:** ECO 20000, 20100, MATH 15000 or MATH 15200

3 hrs

3 cr.

**ECO 32100 - Introduction to Econometrics**

**GER**

3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.

**prereq:** ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 15500 or MATH 25500

3 hrs

3 cr.

**Notes:**

1. *must be completed with a grade of C or better to be accepted for credit towards the major.
2. **must be completed with a grade of C, CR or better to be accepted for credit towards the major and to serve as prerequisites for other courses in the major.

**C. Elective courses**

The remaining 12 credits needed to complete the 30-credit major shall be satisfied by other economics courses offered by the department. No courses in accounting or business law may be credited toward the economics major. No more than 3 credits in elective courses may be at the 100-level. Students may take an optional capstone experience as part of their electives.
• ECO 49600 Honors Seminar in Economics
• ECO 49900 Honors Project
• ECO 40000 Senior Seminar: The big (economics) picture and getting ready for life after college

Note

*These courses may be counted for credit in more than one program. Students planning on taking more than one semester of calculus should take MATH 15000 (STEM) rather than MATH 15200 (STEM).

Additional Information

Majors are advised to complete MATH 15000 (STEM)/MATH 15200 (STEM) and ECO 22100 within their first 75 credits of college work and ECO 30000 or ECO 30100 within their first 90 credits. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the requirement of any of the above or other courses upon satisfactory proof of course equivalency. Credits from courses waived through substitution or examination do not count toward the major.

The following courses may not be counted toward the major: ECO 19600, ECO 29600, BUS 26100, BUS 49700.

Interdepartmental Fields

Students with majors in other departments may take courses in economics as part of an interdepartmental program of study in public policy, Latin American and Caribbean studies, environmental studies (geography), women's and gender studies and Jewish social studies. Listings in each area discuss recommended courses.

Internships

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

ECO 49900 - Honors Project

Jr/Sr only. Supervised individual research and directed reading. Honors essay. 
prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr.
Public Policy

Economics majors may find both the minor and the Certificate Program in Public Policy Certificate of particular interest.

Degree Map

Degree Map for Economics

**English - BA**

The English Department offers students five concentrations:

- Concentration in Literatures and Criticism (42 credits)
- Concentration in Creative Writing (42 credits)
- Concentration in English Language Arts (42 credits)
- Concentration in English: Foundations for Adolescent Education (42 credits)
- Concentration in Linguistics and Rhetoric (42 credits)

After taking ENGL 22000 - Introduction to Writing about Literature (W), required of all students and a pre-requisite for all other courses in the major, students take thirty-nine credits (13 classes) of courses at the 300- and 400- level, with the exception of the following courses which are part of the major:

- ENGL 25200 - Introduction to Literary Studies, required of all students and to be taken within one semester of declaring the major
- ENGL 28000 - The Structure of Modern English, required for ELA, Linguistics and Rhetoric, and PSST students
- ENGL 28500 - Introduction to Creative Writing, required of all Creative Writing students

Depending on the concentration, students are required to take between 9-18 credits in literary studies, a range of credits in courses specific to their concentration, and between 9-15 credits in electives, including one advanced 400-level seminar. Up to 6 credits in the major sequence may be taken for CR/NC.

**Teacher Education Pathway**

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

**Honors**

In order to qualify for departmental honors, students must take the Honors Seminar (ENGL 49400) and write an honors essay. The essay is normally written in relation to the Honors Seminar and under the supervision of the professor teaching the seminar. To to take the Honors Seminar, students must first complete at least 24 credits of 300- and/or 400-level English classes with a GPA of at least 3.5 in those courses and an overall GPA of at least 2.8. Of these 24 credits, 21 must be taken at Hunter (in exceptional cases, 18 credits may suffice). The Honors Seminar requirement is in addition to the specified required courses in the student's concentration. Students interested in pursuing departmental honors should consult an undergraduate adviser. Please see the college rules on Academic Honors for more information in Academic Policies & Procedures.
ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

1 sem
3 cr.

Note(s)

The Honors Seminar requirement is in addition to the specified courses in the student’s major concentration. Students interested in departmental honors should consult the undergraduate adviser.

Environmental Studies - BA

Return to: Programs of Study

The major offers two concentrations which are organized to promote an intensive understanding of contemporary physical science, specifically earth system science as it relates to environmental issues, and an intensive understanding of a system-based approach to the dynamic nature of human-environmental interactions particularly as manifest in contemporary politics and economics. The concentrations are Environmental Earth Science and Environmental Management and Policy. It is suggested that students select a concentration as they enter the major with the understanding that the choice is not final at this stage and students can switch concentrations as they advance in the program. To aid in this process, the curriculum offers a common core of required courses, as well as sufficient overlap within the required elective courses. It is strongly recommended that students considering this major meet with the adviser to discuss their interests and program of studies as courses may be added or deleted as the college's and department's offerings change. One or more courses not listed below may be included in a student's concentration with the advice and consent of the adviser.

Hunter Core Requirement

Courses in this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Environmental Studies major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 10100</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>PGEOG 13000 (STEM)</td>
<td>Scientific World</td>
</tr>
<tr>
<td>GEOL 18000</td>
<td>Scientific World</td>
</tr>
</tbody>
</table>
Course CUNY Common Core Requirement

GEOL 10000 Scientific World

GEOL 10500 Scientific World

(STEM) Life and Physical Sciences. Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

A) Earth System Science Track: Sub-Plan ENV ES (59-77 credits)

Framework Courses Within the Department (13-14 credits)

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15

prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

6 hrs (2 lec, 4 lab)
GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

- One 10000-level GEOL or P GEOG earth science course (3-4)

Required Math Courses (3-16 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

-or-

MATH 101EN - Algebra for College Students - Enhanced

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

prereq: Department Permission
6 hrs
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

-or-

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

-or-

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

-and-
MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

* Courses can be used for more than one program

Must choose two of the following sequences in traditional bench sciences (18-22)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

GER
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

**prereq:** CHEM 10200

**coreq:** CHEM 10400

5 hrs (4 lec, 1 rec)

4 cr.

**PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**GER**
2/E

First semester of two-semester introductory physics course using algebra.

**prereq:** MATH 12400 or 12500 or 12550 or 15000 or 15500

7 hrs (3 lec, 3 lab, 1 rec)

4.5 cr.

**PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

**prereq:** PHYS 11000 or 11100

7 hrs (3 lec, 3 lab, 1 rec)

4.5 cr.
PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

* Courses can be used for more than one program

Core Environmental Studies Courses (10)

PGEOG 25000 - Earth System Science I (W)

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.

prereq: ENGL 12000
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr.

PGEOG 25100 - Earth System Science II

GER
3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our
planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.

**prereq:** PGEO 25000 or perm instr.

4 hrs
3.5 cr.

**Capstone Experience (Select One Course):**

**GEOL 39300 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sems of geology, perm dept.

1-3 cr.

**PGEOG 39300 - Individual Study in Environmental Studies**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.

1-3 cr.

**PGEOG 49000 - Honors in Environmental Studies**

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

**prereq:** perm dept.

**Sub-Plan Specific 20000- and 30000-Level Elective Requirement (15 credits)**

Students must choose at least 15 credits from the GEOL, PGEOG and GTECH offerings with at least three courses selected at the 30000 level.

Advanced courses offered by complimentary disciplines may be considered and selected as appropriate electives for the major in consultation with the Major Advisor.

Students who are completing an additional major or minor may use courses required by both majors to fulfill requirements for the Environmental Studies major.

**B) Human Dimensions of Earth Systems Track: Sub-Plan ENV MP (58-67)**

**Framework Courses Within the Department (25-26 credits)**

**GEOG 10100 - People and Their Environment**

**Hunter Core**

Individual and Society - Social Science

**GER**

2/B
A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

-or-

**GEOG 15000 - World Regions in Global Context**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A or D
GER 2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

*prereq: ENGL 12000
3 hrs
3 cr.*

*Offered fall and spring*

- One 10000-level GEOL or PGEOG earth science course (3-4)

**GEOG 22600 - Environmental Conservation: Resource Management**

**GER**
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

*prereq or coreq: ENGL 12000
3 hrs
3 cr.*
GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GTECH 30100 - Quantitative Methods in Geography

Open to Jr/Sr only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.

prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr.

GTECH 36100 - GIS Analysis
Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee: $15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

Required Math Sequence (0-8 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*
4 hrs (2 lec, 2 lab)
3 cr.

**MATH 101EN - Algebra for College Students - Enhanced**

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

*prereq: Department Permission*
6 hrs
3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*
2 hrs
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus
should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

\textit{prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.}
\textit{Not open to students who have taken MATH 12500 or MATH 12550.}
4 hrs
4 cr.

- or -

**MATH 12500 (STEM) - Precalculus**

\textbf{Hunter Core}

Math/Quantitative Reasoning

\textbf{GER}

1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

\textit{prereq: grade of C or better in MATH 10100 or appropriate score on placement exam}

4 hrs
4 cr.

- or -

**MATH 12550 (STEM) - Precalculus with Workshop**

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

\textit{prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500}

5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

* Courses can be used for more than one program

**Courses Offered By Supporting Disciplines (14 credits)**

**CHEM 10200 (STEM) - General Chemistry I**

\textbf{Hunter Core}

Scientific World (SW); Life and Physical Sciences (LPS)

\textbf{GER}

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

*Hunter Core*
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

*Hunter Core*
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

*Hunter Core*
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

* Courses can be used for more than one program

Core Environmental Studies Courses (10 credits)
PGEOG 25000 - Earth System Science I (W)

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.

prereq: ENGL 12000
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr.

PGEOG 25100 - Earth System Science II

GER
3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.

prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr.

Capstone Experience Select One Course:

GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sem of geography, perm dept.
1-3 cr

PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr.

PGEOG 49000 - Honors in Environmental Studies

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

prereq: perm dept.

Sub-Plan Specific 20000 and 30000 Level Elective Requirement (9 credits)
Students must choose at least nine credits of advanced courses from the GEOG, GEOL, PGEOG and GTECH offerings with at least two courses selected at the 30000 level.

Advanced courses offered by complementary disciplines may be considered and selected as appropriate electives for the major in consultation with the Major Advisor.

**Internships**

Students can receive from one to four credits for internships in government agencies, consumer and activist groups, business and industry and media organizations involved in energy issues (e.g., Council on the Environment of NYC, Energy Task Force, NY State Assembly, Sierra Club, International Earthcare Center, NY State Department of Energy, Brooklyn Union Gas, NYC Department of Environmental Protection and the American Museum of Natural History).

**Teacher Education Pathway**

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

**Honors Work and Individual Study**

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to

**GEOG 49000 - Honors in Geography**

Upper Jr/Sr geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.

*prereq: perm dept.*

1 sem

3 cr.

**PGEOG 49000 - Honors in Environmental Studies**

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

*prereq: perm dept.*

- and have a 3.0 cumulative GPA and a 3.5 GPA in the major.

**The following courses**

also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

**GEOG 39100 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq: 2 sem of geography, perm dept.*

1-3 cr
GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sem of geography, perm dept.
1-3 cr

GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sem of geography, perm dept.
1-3 cr

GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sems of geology, perm dept.
1-3 cr

GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sems of geology, perm dept.
1-3 cr

GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sems of geology, perm dept.
1-3 cr

PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr

PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.
1-3 cr

PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr

Fieldwork
Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Study Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

Graduate Study

Graduate-level courses may be taken for credit toward the bachelor’s degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

Intern Program

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

GEOG 49800 - Internship

Open to qualified geography majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See undergraduate adviser.

1-4 cr.

PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.

1-4 cr.

Degree Map

Degree Map for Environmental Studies

Film - BA

The Department of Film and Media Studies major in Film combines film history and theory with film production. Students are encouraged to develop a creative voice that is socially aware and engaged and can find expression across a range of contemporary technologies. Our curriculum is founded on the integration of theory and practice. Leading scholars in history, aesthetics, critical theory and alternative and international practices provide students with a broad base in analytical thinking. Courses deal with subjects such as the history and aesthetics of film; genre studies; and representations of race, class and gender. The department's production courses encourage students to work creatively in a variety of existing and emerging forms. Courses include narrative film production (including screenwriting and directing), documentary production, and animation. The department is distinguished by award-winning faculty who are active in their respective fields.
Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Film major, the course that meets CCCR is:

**Course**

**FILM 10100 Introduction to Cinema**

Film Production Track

I. Introductory Courses (6 credits)

**FILM 10100 - Introduction to Cinema**

**Hunter Core**

Creative Expression (CE)

Pluralism and Diversity

PD/D

GER

2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.

3 hrs

3 cr.

**FILMP 16000 - Media & Film in a Digital Age Pt. 2**

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000

prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)

4 hrs

3 cr.

II. Analytical Course Requirements (12 credits)

A) Film Style and Close Analysis (6 credits)

**FILM 20100 - Close Film Analysis**

GER

3/A

Close study of a selected motion picture.
prereq: FILM 10100
4 hrs
3 cr.

**FILM 22400 - Cinematic Space**

GER
3/A

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.

prereq: FILM 10100, 20100
4 hrs
3 cr.

**B) Film History (6 credits):**

One course (3 cr) from the following 200-level courses:

**FILM 21100 - Film History I: 1895-1945**

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from the silent era to 1945.

prereq: FILM 10100
4 hrs
3 cr.

**FILM 21200 - Film History II: Since 1945**

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from 1946 to the present.

prereq: FILM 10100 or MEDIA 18000
4 hrs
3 cr.

**FILM 21300 - National Cinema**

Pluralism and Diversity
PD/D or A
GER
3/A
Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.

**prereq:** FILM 10100  
4 hrs  
3 cr.

One course (3 cr) from the following 300-level courses:

**FILM 34400 - History of Cinematography**

**GER**  
3/A

Survey class addressing key developments in the history and aesthetics of cinematography.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** FILM 10100 and FILM 20100  
4 hrs  
3 cr.

**FILM 39700 - Topics in Film History**

**Pluralism and Diversity**  
PD/D  
**GER**  
3/A

A focused examination of specific issues and moments in film history. May be taken twice for credit under a different topic.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** FILM 10100 and FILM 21100 or 21200 or 21300  
4 hrs  
3 cr.

III. Production Course Requirements (12 credits):

A) Required Production Sequence (9 credits):

**FILMP 25100 - Film Production I**

Introduction to the fundamentals of filmmaking, writing, cinematography and editing.  
Material Fee: $20  
**prereq:** MEDP/FLMP 16000; open to majors only or perm instr.  
4 hrs  
3 cr.

**FILPL 27600 - Screen Writing I - The Short (W)**
The Short Fundamentals of writing for film; critiques of original student scripts.
*prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.*
4 hrs
3 cr.

**FILMP 35200 - Film Production II**

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.
Material Fee: $20
*prereq: FILMP 25100, FILMP 27600 open to film/media majors only or perm instr.*
*prereq or coreq: Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.*
4 hrs
3 cr.

**B) Advanced Production Cluster (3 credits):**

**FILMP 37100 - Screen Directing I**

Theory and practice of the film director's role as guiding force in creation of visual and aural images.
Except as otherwise noted, ENGL 120 is pre requisite for all 300- and 400-level courses in FILM.
*prereq: FILMP 251, FILMP 276; open to film/media majors only or perm instr.*
4 hrs
3 cr.

**FILPL 37700 - Screen Writing II The Feature (W)**

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.
*prereq: FILMP 27600*
4 hrs
3 cr.

**IV. Elective Course Requirements (6 credits):**

From analytical and/or production electives: At least one elective must be a 300 level or above course.

**A) Analytical Electives:**

**FILM 21400 - Multicultural Perspectives in Cinema**

*Pluralism and Diversity*  
PD/B (214.51 only)  
GER  
3/A

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.
*prereq: FILM 10100*
4 hrs
3 cr.

FILM 21500 - Women and Film

Pluralism and Diversity
PD/C
GER
3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.
prereq: FILM 10100
4 hrs
3 cr.

FILM 22200 - Topics in Genre Studies

GER
3/A

Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr.

FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s

Pluralism and Diversity
PD/C
GER
3/A

This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.
cross-listed WGSA 222.52
prereq: FILM 10100
4 hrs
3 cr.

FILM 23000 - Movies in American Culture

GER
3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.

prereq: FILM 10100
**FILM 23200 - Experimental Film and Video**

Pluralism and Diversity  
PD/D  
GER  
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.  
*prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).*  
4 hrs  
3 cr.

**FILM 29900 - Special Topics in Film**

GER  
3/A

Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.  
*prereq: perm dept.*  
1-3 hrs  
1-3 cr.

**FILM 32200 - Contemporary Film Theory**

Pluralism and Diversity  
PD/D  
GER  
3/A

This course will address a range of theoretical writings on the cinema that were primarily produced during the 1970s and after.  
Except as otherwise noted, ENGL 12000 is prerequisite for all 30000- and 40000-level courses in FILM.  
*prereq: FILM 10100 and FILM 20100*  
4 hrs  
3 cr.

**FILM 32400 - Narrative Strategies**

GER  
3/A

Study of narrative techniques in cinema  
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.  
*prereq: FILM 10100 and 20100 or 23100*  
4 hrs  
3 cr.

**FILM 32600 - America in American Film and Video**
Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.

*prereq: FILM 10100, 21100 or 21200
3 hrs
3 cr.

**FILM 22700 - Representations of Race and Ethnicity in U.S. Media**

*Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.

*prereq: ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
4 hrs
3 cr.

**FILM 32800 - Images of Resistance in the Developing World**

*Pluralism and Diversity
PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes.

*prereq: FILM 10100
4 hrs
3 cr.

**FILM 33200 - Myths and Images in the Media**

*GER
3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.

*prereq: FILM 10100
3 hrs
3 cr.

**FILM 33400 - Theatricality and the Presentation of Self**
Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**FILM 39100 - Problems in Film Research**

GER

3/A

Study of basic methods of solving problems in the field of cinema studies.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, 20100, 21100 or 21200

3 hrs

3 cr.

**FILM 39900 - Studies in Film**

GER

3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: variable

3 hrs

3 cr.

**FILM 40100 - Independent Research**

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: perm chair

1-3 cr.

**FILM 40200 - Honors Project**

Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.

3 hrs

3 cr.

**FILM 49900 - Advanced Seminar**
Selected topics in cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: perm instr.
4 hrs
3 cr.

These courses may be counted for credit in more than one program.

B) Film Production Electives:

A second course from the advanced production cluster may be taken as an elective course

**FILMP 37100 - Screen Directing I**

Theory and practice of the film director's role as guiding force in creation of visual and aural images.
Except as otherwise noted, ENGL 120 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr.

**FILPL 37700 - Screen Writing II The Feature (W)**

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 27600
4 hrs
3 cr.

or

**FILMP 28600 - Location Sound**

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.

cross-listed MEDP 28600

prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr.

**FILMP 34100 - Producing the Film**

Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 25100, FILMP 27600
3 hrs
3 cr.

**FILMP 37200 - Screen Directing II**
Continuation of FILMP 37100.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**FILMP 38100 - Techniques of Cinematography**
Advanced cinematographic techniques such as sensitometry, effects lighting and special effects.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILMP 35200 or permission of instructor*

4 hrs
3 cr.

**FILMP 38200 - Narrative Editing**

Narrative editing concepts, theories and techniques. Editing exercises explore the aesthetic and practical components of the craft and introduce advanced digital editing tools.

*prereq: FILMP 25100*

4 hrs
3 cr.

**FILMP 38300 - Sound Design**
Aesthetics of sound design with practical instruction in audio post-production technology.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.*

3 hrs
3 cr.

**FILMP 38400 - Film and Video Production**
Production of short films with each student assigned to specific crew positions.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILMP 35200, and permission of instructor.*

variable hrs
3 cr.

**FILMP 39900 - Special Topics in Advanced Film Practice**
Offered periodically with the specific topic listed in the schedule of classes.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: perm instr.*

4 hrs
3 cr.

**FILMP 45100 - Film and Video Production Seminar**
Individual student films produced under faculty supervision.
Material Fee: $20 May be taken twice for credit. *cross-listed MEDP 45100*
**FILMP 49800 - Internship**

Opportunity to gain professional experience
40 working per. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, two other film courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

*These courses may be counted for credit in more than one program.

Courses Required for the Major (36 credits)

30-36 credits, combined total: up to 6 introductory, 12 credits analytical, 12 credits production and 6 credits electives
from analytical and/or production courses. Students must receive a grade of B or better in FILM 10100 to continue a
major in film. The major must be declared in person with an undergraduate film adviser (call (212) 772-4949 to
schedule). The student must bring their transcript, and, where relevant, transcripts from other colleges attended, when
meeting with the undergraduate film adviser to declare a film major. Students majoring in film must also take FILMP
16000/MEDP 16000 which is prerequisite for all film production courses. A maximum of 6 credits in MEDIA courses
at the 200 or 300 level may be applied toward the major in film. Students must meet any prerequisites for these courses.
Independent study and internship courses do not count toward the major. Students must see a program adviser to plan
choice and sequence of courses.

Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major
courses and a 3.0 grade point average overall. The student must also either complete an Honors Project, approved by
the Department Policy and Curriculum Committee, with a grade of A; or a 400-level production or analytical seminar
course with a grade of A. See the department for more information.

**FILM 40200 - Honors Project**

Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
3 cr.

Analysis and Criticism Track

6 introductory credits:
- FILM 10100 3 credits
- MEDIA 18000 3 credits

18 Required Analytical Credits to be chosen from within the following categories:

(a) Film Style and Close Analysis: 6 credits
• FILM 20100: Close Film Analysis  3 credits

Plus one course from the following:

• FILM 22400: Cinematic Space
• FILM 23100: Studies of Selected Directors (may be repeated for credit under different topic)
• FILM 32000: Film Technology and Aesthetic Theory (may be repeated for credit under different topic)
• FILM 323.51: Aesthetics of Film Sound
• FILM 32400: Narrative Strategies
• FILM 33300: Styles and Theories of Film Acting
• FILM 33400: Theatricality and the Presentation of Self

b) History: 6 credits, one 200-level and one 300-level required

• FILM 21100: Film History I
• FILM 21200: Film History II
• FILM 21300: National Cinema (may be repeated for credit under different subject)
• FILM 39700: Topics in Film History (may be repeated for credit under different subject)

c) Genre, Theory and Forms of Representation: 6 credits

• All FILM courses cross-listed as MEDIA will fulfill the media analytical requirement if taken under the MEDIA number.
• FILM 21400: Multicultural Perspectives in Cinema (may be repeated for credit under different subject)
• FILM 21500: Women and Film
• FILM 22200: Topics in Genre Studies (may be repeated for credit under a different topic)
• FILM 222.52: Topics in Genre Studies: The Woman's Film of the 1940s
• FILM 23200: Experimental Film and Video
• FILM 23300/MEDIA 23300: Movies in American Culture
• FILM 31500/MEDIA 31500: Non-Fiction Film and Video
• FILM 32200: Contemporary Film Theory
• FILM 32600/MEDIA 32600: America in American Film and Video
• FILM 32800/MEDIA 32800: Images of Resistance in the Developing World
• FILM 32700/MEDIA 32700: Representations of Race and Ethnicity in U.S. Media

Special Topics, Honors, and Advanced Studies (optional electives)

• FILM 29900: Special Topics in Film
• FILM 39100: Problems in Film Research
• FILM 39900: Studies in Film
• FILM 40100: Independent Research
• FILM 40200: Honors Project

FILM 49800: Internship
FILM 49900: Advanced Seminar

6 MEDIA CREDITS FROM ANY THREE MEDIA ANALYTICAL COURSES

Students should choose two media analytical courses based on their own particular interests and how they would like such courses to be integrated into their film analytical track. You may also consult with the film advisor on this matter.

6 ELECTIVE CREDITS: At least one elective credit should be a 300 level FILM analytical course.

Major  30

Sub-total  30

Electives  6
Total credits required 36

Degree Map

Degree Map for Film

French - BA

Major

The French major provides two concentrations:

1. French Literature
2. French Language and Civilization

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Study Abroad

All study abroad programs are open to students from Hunter College and other accredited institutions. All French majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs. Students should speak with their undergraduate advisor in French.

Qualified students can apply for financial aid and STOCS grants.

For study abroad in France during the summer semester, two USAC programs in the cities of Lyon and Pau focus on French language and culture.

For a semester exchange in France, the CUNY-Paris Exchange Program offers students the opportunity to spend a semester or a year at a French university in Paris.

For more details, including requirements, contact the Office of Education Abroad.

Honors

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

Graduate Study
Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and will be determined on a case-by-case basis. Consult the graduate catalog for requirements and regulations.

**French Language and Civilization**

A concentration in French language as well as in French and Francophone literature, culture and civilization. 12-24 credits from the language sequence (Group A); 0-9 credits from Group B (offered in English); and 9-18 credits from Group C (offered in French).

**Hunter Core Requirement**

While several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements), the Department discourages students from taking any major courses in English since it will slow down their development in French. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

*Although, in the case of the French Language and Civilization major, two courses meet the CCCR:*

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 24100</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>FREN 24200</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Students are strongly recommended to take their French-language equivalents instead: FREN 33500 and FREN 33600. They are central to the major. Please see a department adviser with any questions.

**Courses Required for the Major (30- 42 credits)**

Students who demonstrate proficiency in French through a placement exam may be exempted from some courses.

12 credits from:

**FREN 10100 - Elementary French I**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Language Proficiency Requirement.

*3 hrs*  
*3 cr.*

**FREN 10200 - Elementary French II**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

**prereq:** FREN 101 or one yr high school French.

*3 hrs
3 cr.*

**FREN 10300 - Intensive Elementary French**

Equivalent to material covered in 10100 and 10200. Language lab mandatory.

*6 hrs
6 cr.*

**FREN 20100 - Intermediate French I**

Language lab mandatory.

*3 hrs
3 cr.*

**FREN 20200 - Intermediate French II**

Language lab mandatory.

*3 hrs
3 cr.*

**FREN 20300 - Intensive Intermediate French**

Equivalent to material covered in 20100 and 20200. Language lab mandatory.

*6 hrs
6 cr.*

12 credits from Group A:

**FREN 22000 - Advanced French Conversation**
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 27500 - Introduction to French Literature

Pluralism and Diversity
PD/D
Conducted in French. Introduction to literary texts and analysis using outstanding works of French literature in all genres from across centuries. Emphasis on reading comprehension and explication de texte.

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 31100 - Advanced French Grammar

prereq: FREN 20200
3 hrs
3 cr.

FREN 31200 - French Oral and Written Expression

prereq: FREN 20200 or equiv.
3 hrs
3 cr.

FREN 32100 - French Translation

prereq: FREN 20200 or equiv.
3 hrs
3 cr.

0-9 credits from Group B (offered in English):

FREN 24100 - Early French Civilization: From Gothic to Revolution

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
3 hrs
3 cr.

FREN 24200 - Modern French Civilization: From Revolution to Present
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
3 hrs
3 cr.

FREN 25100 - French Literature and the Arts

Pluralism and Diversity
PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr.

FREN 25200 - From Symbolism to Surrealism in French Literature

GER
3/A

Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.
3 hrs
3 cr.

FREN 25300 - Modern French Theatre: Theory and Practice

Pluralism and Diversity
PD/D
GER
3/A

4 hrs
3 cr.

FREN 25400 - Film and the French Novel

Pluralism and Diversity
PD/D
GER
3/A

Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.
4 hrs
3 cr.
FREN 25500 - New Approaches to Modern French Literature

Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.

3 hrs
3 cr.

FREN 25600 - Dream and Image (W)

Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French literature. Such authors as Flaubert, Maupassant, Nerval and Proust.

3 hrs
3 cr.

FREN 25700 - Literary Cross-Currents

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.

Prereq: reading knowledge of French

3 hrs
3 cr.

FREN 25800 - French Poetry in Translation

Conducted in English. Study of major themes, theories and texts from 16th century to the contemporary period.

3 hrs
3 cr.

FREN 25900 - French Theatre in Translation

Pluralism and Diversity

Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation.

3 hrs
3 cr.

FREN 26000 - French Novel in Translation (1600-1900)

Pluralism and Diversity

Readings in English; conducted in English. Development and evolution of the French novel; its relationship to other literary genres.

3 hrs
3 cr.
FREN 26100 - Modern French Novel in Translation (1900-Present)

Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3 cr.

FREN 26200 - Perspectives on Women in French Literature

Pluralism and Diversity
PD/C or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr.

9-18 credits from Group C:

FREN 33500 - French Culture I

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 33600 - French Culture II

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3 cr.

FREN 33700 - Contemporary French Culture

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press.
prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr.

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century
FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr.

FREN 34400 - 17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruyère, Mme de Lafayette, La Fontaine, Malherbe, Molière, Pascal, Racine, Mme de Sévigny, Saint Simon.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 34600 - 18th Century French Literature

Pluralism and Diversity
PD/D
Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 34800 - 19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr.

FREN 34900 - 19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de l’Isle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35000 - 20th Century French Literature (1900-present)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Péguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Koltès, NDiaye, Perea, Redonnet, Robbe-Grillet, Sarraute.

**FREN 35300 - Survey of Francophone Literature**

**GER**
3/A

A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.

**prereq:** FREN 34100 and 34200

3 hrs
3 cr.

**FREN 36000 - French Literature: Special Topics**

Pluralism and Diversity
PD/D

**GER**
3/A

**prereq:** FREN 34100 and 34200

3 hrs
3 cr.

**FREN 36100 - Middle Ages and the Renaissance: Special Topics**

Pluralism and Diversity
PD/D

**GER**
3/A

**prereq:** FREN 34100 and 34200

3 hrs
3 cr.

**FREN 36200 - The 17th Century: Special Topics**

Pluralism and Diversity
PD/D

**GER**
3/A

3 hrs
3 cr.
FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 37500 - Seminar in French Literary History

Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr.

FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to Jr/Sr only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3 cr.
FREN 49500 - Independent Study in French Literature

prereq: perm adviser
1-3 cr.

Additional Information

Within the Language and Civilization concentration, students may choose either FREN 24100 or FREN 33500 (but not both) and either FREN 24200 or FREN 33600 (but not both) to count towards the major.

Degree Map for French - Language and Civilization

French Literature

A concentration in French literature that emphasizes literary history, textual analysis, and critical theory.

Hunter Core Requirement

While several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements), the Department discourages students from taking any major courses in English since it will slow down their development in French. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (30-42 credits)

Students who demonstrate proficiency in French through a placement exam may be exempted from some courses.

12 credits from

FREN 10100 - Elementary French I

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

FREN 10200 - Elementary French II

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four
and a course for students who use French as a heritage language.

*prereq: FREN 101 or one yr high school French.*

3 hrs
3 cr.

**FREN 10300 - Intensive Elementary French**

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

6 hrs
6 cr.

**FREN 20100 - Intermediate French I**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

*prereq: FREN 10200 or two yrs high school French*

3 hrs
3 cr.

**FREN 20200 - Intermediate French II**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

*prereq: FREN 2000 or three yrs high school French*

3 hrs
3 cr.

**FREN 20300 - Intensive Intermediate French**

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

*prereq: FREN 10200 or two yrs high school French*

6 hrs
6 cr.

3 credits from

**FREN 31100 - Advanced French Grammar**

*prereq: FREN 20200*

3 hrs
3 cr.
FREN 31200 - French Oral and Written Expression

prereq: FREN 20200 or equiv.
3 hrs
3 cr.

FREN 32100 - French Translation

prereq: FREN 20200 or equiv.
3 hrs
3 cr.

6 credits in

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

21 credits from

FREN 33500 - French Culture I

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.
FREN 33600 - French Culture II

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3 cr.

FREN 33700 - Contemporary French Culture

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press.
prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr.

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr.

FREN 34400 - 17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruyère, Mme de Lafayette, La Fontaine, Malherbe, Molière, Pascal, Racine, Mme de Sévigny, Saint Simon.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 34600 - 18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, Laclès, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 34800 - 19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr.

FREN 34900 - 19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de Isle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35000 - 20th Century French Literature (1900-1950)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Péguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Koltès, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarrute.

prereq: FREN 34100 and 34200

3 hrs
3 cr.

FREN 35300 - Survey of Francophone Literature

GER
3/A

A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.

prereq: FREN 34100 and 34200

3 hrs
3 cr.

FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D

GER
3/A

prereq: FREN 34100 and 34200

3 hrs
3 cr.

FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D

GER
3/A

prereq: FREN 34100 and 34200

3 hrs
3 cr.

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D

GER
3/A

prereq: FREN 34100 and 34200

3 hrs
3 cr.

FREN 36500 - The 20th Century: Special Topics
Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 37500 - Seminar in French Literary History

Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr.

FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to Jt/Sr only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3 cr.

FREN 49500 - Independent Study in French Literature

prereq: perm adviser
1-3 cr.

Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:

FREN 39900 - Second Language Acquisition

prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr.

Degree Map for French Literature

Degree Map for French Literature

Geography - BA
A major in Geography is designed to prepare students to understand and respond to our world's changing social and natural environments using a range of quantitative, qualitative, and geospatial research methods. Students will study how social and natural systems interact using concepts of place, space, distance, location, and scale. They will also learn how to make (digital) maps in order to analyze and explain differences between places. Geographic knowledge and analytical skills are vital to solving the many problems our world is facing today, from consequences of climate change to geopolitical crises and migration. In addition to classroom learning, students explore urban and natural environments through our field-based classes and by doing research projects together with community advocacy groups in New York City.

Our department offers three concentration areas that Geography majors are encouraged to explore. These concentrations are: Cities and Globalization, Digital Mapping and Geographic Information Science, and Sustainability. Students are encouraged to discuss with advisors and professors in our department the course of study that best fits their interests.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Geography major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 10100</td>
<td>Individual and Society (SS)</td>
</tr>
<tr>
<td>PGEOG 13000 (STEM)</td>
<td>Scientific World -or- Life and Physical Sciences</td>
</tr>
<tr>
<td>GEOG 15000</td>
<td>World Cultures and Global Issues</td>
</tr>
<tr>
<td>GEOL 10000</td>
<td>Scientific World</td>
</tr>
<tr>
<td>GEOL 10100</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>GEOL 10500</td>
<td>Scientific World</td>
</tr>
<tr>
<td>GEOL 18000</td>
<td>Scientific World</td>
</tr>
</tbody>
</table>

**Requirements for the Degree Program:**

**Core Requirements for all Geography (13 credits)**

**GEOG 10100 - People and Their Environment**

**Hunter Core**

Individual and Society - Social Science  
GER  
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the
topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

**GTECH 20100 - Introduction to Geographic Information Science**

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

**GEOG 22600 - Environmental Conservation: Resource Management**

GER 2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

**STAT 11300 - Elementary Probability and Statistics**

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
Courses Offered by Supporting Disciplines (0-8 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus. Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

* These courses may be counted for credit in more than one program.

Additonal Requirements for All Geography Majors (21-22 credits)

Note: PGEOG 13000 can count for one requirement only.
One of the following courses:

**PGEOG 14000 - Introduction to Weather, Climate and Climate Change**

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

3 hrs  
3 cr.

**PGEOG 13000 (STEM) - Weather and Climate**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
GER  
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

Material Fee: $5  
5 hrs (3 lec, 2 lab)  
4 cr.  
*Offered in the Fall and Spring*

**GEOL 10000 - Introduction to Geology**

**Hunter Core**  
Scientific World (SW)  
GER  
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)  
3 cr.  
*Offered fall and spring.*

**GEOL 10500 - Introduction to Environmental Studies**

**Hunter Core**  
Scientific World (SW)
GER
2/E (Non lab course)

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.

prereq: ENGL 12000

3 hrs.

3 cr.

GEOL 18000 - Introduction to Oceanography

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students

3 hrs

3 cr.

Offered fall and spring

-and-

One of the following courses:

PGEOG 14100 - Introduction to Weather, Climate and Climate Change Laboratory

A hands-on laboratory science course. PGEOG 14100 will explain how weather and climate affect people and the natural environment through hands-on laboratory and field experiences. The course explores the science of the atmosphere starting with weather and weather forecasting including severe storms such as hurricanes and tornadoes. World climates and global climate change is included. This course will serve as an introduction to atmospheric science and will prepare students for further work in geography and Earth sciences.

3 hrs (1 hour lecture, 2 hours lab)

3 cr.

PGEOG 13000 (STEM) - Weather and Climate

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities,
economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs 3 cr. offered fall and spring.

-and-

**GEOG 24300 - Urban Geography**

**GER**

3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.  

*prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only*  
3 hrs 3 cr.

-and-

**GEOG 25000 - Geographic Research Methods**

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.  

*prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course*  
3 hrs 3 cr.

-and-

One 200-level regional geography course -or- one course in GEOG 30600 - Special Topics in Contemporary Regional Geographies

-and-

**At least one field course chosen from the following courses (3 credits):**

a. GEOG 35700 - Geography of New York City and Vicinity  
   b. PGEOG 38367 - Field Ecology of NYC  
   c. PGEOG 38306 - Ecology of Global Change  
   d. PGEOG 38363 - NYC Water Supply  
   e. GEOL 38333 - Field Geology of NYC & Vicinity
-and-

At least one Department approved, research project-related, 300-level GEOG, PGEOG or GTECH course (3 credits)

**Elective Courses (a minimum of 18 credits, at 200 level or higher).**

Core courses cannot double count as geography major elective courses. One 3-credit independent study course may count as a 300-level elective course with the approval of the undergraduate geography advisor.

At least 18 additional credits of courses with a GEOG, PGEOG or GTECH prefix of which at least 15 credits must be at the 300-level.

**Options in Social Studies Education within the Geography Major**

The Department of Geography and the School of Education provide opportunities for students to prepare for a career in teaching social studies in grades 1-6 (Childhood Education) or in grades 7-12 (Adolescent Education).

1. Option in Social Studies within the Geography Major for Childhood Education Teachers
2. Option in Social Studies within the Geography Major for Adolescent Education Teachers

**Honors Work and Individual Study**

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to the following and have a 3.0 cumulative GPA and a 3.5 GPA in the major.

**GEOG 49000 - Honors in Geography**

Upper Jr/Sr geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.

*prereq: perm dept.*

1 sem

3 cr.

**PGEOG 49000 - Honors in Environmental Studies**

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

*prereq: perm dept.*

The following courses

Also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

**GEOG 39100 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq: 2 sem of geography, perm dept.*

1-3 cr
GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sem of geography, perm dept.
1-3 cr

GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sem of geography, perm dept.
1-3 cr

GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.
1-3 cr.

PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr.

Fieldwork
Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Education Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

**Graduate Study**

Graduate-level courses may be taken for credit toward the bachelor’s degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

**Intern Program**

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

**GEOG 49800 - Internship**

Open to qualified geography majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See undergraduate adviser.

1-4 cr.

**PGEOG 49800 - Internship in Environmental Studies**

Open to qualified environmental studies majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.

1-4 cr.

**Degree Map**

Degree Map for Geography BA

**German - BA**

Students who complete a German major will gain an understanding and appreciation of German culture and civilization, past and present. They will comprehend spoken and written German to the level of understanding the classics of German prose, drama, and poetry. They either will have reached or will be well on their way towards reaching the linguistic and cultural capacity for engaging in intellectual discourse in written and spoken German.

Students who have some knowledge of German gained outside of Hunter College should consult Prof. Anderson, Prof. Kuhn-Osius, Prof. Nicolai, or Prof. Zimmerman regarding placement in the German major.

**Hunter Core Requirement**
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (27-33 credits)

Elementary and Intermediate German Language Courses (0-12 credits)

**GERMN 10100 - Elementary German I**

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners. GERMN 10100 not usually credited without GERMN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**GERMN 10200 - Elementary German II**

Continued practice in speaking, reading, writing and comprehending German.
*prereq: GERMN 10100 or equiv.*

3 hrs
3 cr.

**GERMN 20100 - Intermediate German I**

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
*prereq: GERMN 10200 or equiv.*

3 hrs
3 cr.

**GERMN 20200 - Intermediate German II**

Grammar review and composition. Reading and discussion of selected literary texts.
*prereq: GERMN 20100 or equiv.*

3 hrs
3 cr.

**GERMN 10300 - Intensive Elementary German**

Intensive practice in 4 basic skills of German. Covers material of GERMN 10100 and 10200 in one semester.

6 hrs
6 cr.

**GERMN 20000 - Intensive German 2 and 3**

**prereq:** GERMN 10100
6 hrs
6 cr.

**GERMN 20300 - Intensive Intermediate German**

Covers material of GRMN 201 and 202 in one semester.

**prereq:** GRMN 10200, 10300 or equiv.
6 hrs
6 cr.

**Note:** Between 3 and 12 credits of these courses may be waived if students have prior knowledge of German. Prior knowledge will be determined by a departmental placement test.

**Advanced Courses in German Language and Culture (21-27 credits)**

Students who begin their German study in college (GERMN 10100 and GERMN 10200 or equivalent on the transcript) must take an additional total of 21 credits in Advanced German Language and Culture Courses numbered GERMN 24000 and above. Students who began their German study before entering college (no GERMN 10100 and GERMN 10200 or equivalent on the transcript) must take a total of 27 credits in Advanced German Language and Culture Courses numbered GERMN 24000 and above. **Note:** Only one course on German culture taught in English may be used to fulfill requirements for a German major.

**Advanced courses in language, level I (30100 - 31200):**

**GERMN 30100 - Advanced German Comprehension and Conversation**

GER
3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing. (Conducted in German)

**prereq:** GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

**GERMN 30200 - Advanced German Conversation and Composition**

GER
3/A

Intensive practice in speaking and writing German. (Conducted in German)

**prereq:** GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

**GERMN 31000 - Advanced German Language Studies**
Intensive language study in a German speaking country. May be repeated at different levels.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 31200 - Introduction to Business German

Intensive language study in a German speaking country. May be repeated at different levels.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

Advanced courses in literature, level I (32000 - 33900):

GERMN 32000 - Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32100 - Individual and Society in Modern German Literature

Pluralism and Diversity
PD/D
GER
3/A

The central conflict between individual liberty and societal constraints as reflected in short stories, novellas and plays by 20th century authors such as Kafka, Brecht, Böll and Frisch.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32200 - German Civilization
**GERMN 32300 - Women in German Literature**

Pluralism and Diversity  
PD/C  
GER  
3/A

Reading and discussion of literature from the 19th century to the present written in German by and about women.  
(Conducted in German)  
*prereq: GERMN 20200 or 20300 or equiv.*  
3 hrs  
3 cr.

**GERMN 32400 - Post-Feminist German Literature and Film**

Pluralism and Diversity  
P&DC  
GER  
3/A

Reading and discussion of German literature and film written and produced by women at the end of the 20th and the beginning of the 21st centuries.  
*prereq: GERMN 20200 or 20300 or equivalent*  
3 hrs  
3 cr.

**GERMN 32700 - Modern Swiss Literature**

Pluralism and Diversity  
PD/D  
GER  
3/A

Reading and discussion of literature written in German by Swiss authors since the 19th century.  
(Conducted in German)  
*prereq: GERMN 20200 or 20300 or equiv.*  
3 hrs  
3 cr.

**GERMN 32800 - German Children's and Adolescent Literature**

Pluralism and Diversity  
PD/D
GER
3/A

Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33400 - The German Short Story and Novelle

Pluralism and Diversity
PD/D
GER
3/A

Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33500 - German Radio Plays: Hörspiel

Pluralism and Diversity
GER 3/A PD/D
GER
3/A

Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33600 - German Lyric Poetry

Pluralism and Diversity
PD/D
GER
3/A

Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33900 - German Drama from Naturalism to Present

Pluralism and Diversity
PD/D
Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke.  
(Conducted in German)  
prereq: GERMN 20200 or 20300 or equiv.  
3 hrs  
3 cr.

Advanced courses in literature, level II (34000 - 35900):

GERMN 34100 - German Drama from Age of Goethe to Naturalism

Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.  
(Conducted in German)  
prereq: one course numbered from GERMN 32000 to 35900 or equiv.  
3 hrs  
3 cr.

GERMN 34200 - The German Novel

Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.  
(Conducted in German)  
prereq: one course numbered from GERMN 32000 to 35900 or equiv.  
3 hrs  
3 cr.

GERMN 34300 - German Literature from Its Origins to the Age of Goethe

GERMN 34400 - Readings in Classical Period of German Literature

Discussion of selected works by Lessing, Goethe and Schiller.
GERMN 34500 - Literature of Weimar Republic

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary works and documents influential in German life between 1918 and 1933.
(Conducted in German)

GERMN 34600 - German Literature of the 1930s and 1940s

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written between the time of the Weimar Republic and 1945.
(Conducted in German)

GERMN 34700 - German Literature 1945-1995

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of German literature written between 1945 and 1995.
(Conducted in German)

GERMN 34800 - East German Literature (1945-1990)

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German
Democratic Republic as a sovereign state.
(Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

**GERMN 35000 - Austrian Literature**

**Pluralism and Diversity**
PD/D
GER
3/A

Discussion of literature and culture of the fin-de-siècle Vienna.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

**GERMN 35300 - Goethe's Faust**

**Pluralism and Diversity**
PD/D
GER
3/A

Intensive study of Goethe's Faust, Parts I and II.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

**GERMN 35900 - German Literary Seminar**

**Pluralism and Diversity**
PD/D
GER
3/A

Seminar study of significant theme in German literature, German author or literary movement or genre. May be repeated with a different topic.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

Advanced courses in language, level II (all course numbers beginning with 38500);

**GERMN 38501 - The German Press of Today: Reading and Understanding Newspapers and Magazines**
Reading and discussion of present-day German newspapers and magazines. (Conducted in German) A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

**prereq:** two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)

3 hrs

3 cr.

**GERMN 38502 - Advanced Business German**

Cross-cultural study and practicing of German business culture and language while studying Germany as global economic player. Topics such as corporate structure, management strategies, international marketing and labor relations.

A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

**prereq or coreq:** GERMN 31200 or perm. instr.

3 hrs

3 cr.

**GERMN 38503 - German Grammar for Upper-Level Discourse**

Study of German grammar from basic to complex structures. Intensive practice in control of grammatical forms at high levels of spoken and written discourse. (Conducted in German)

A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

**prereq:** three courses above GERMN 30000 or equiv (excluding courses in English translation)

3 hrs

3 cr.

Special projects:

**GERMN 44400 - Seminar Studies in German Literature and Language**

**Pluralism and Diversity**

PD/D

**GER**

3/A

Seminar study of literary topic or linguistic phenomenon. May be repeated with a different topic. (Conducted in German)

**prereq:** GERMN 2000 or 20300 or equiv.

3 hrs

3 cr.
GERMN 49100 - Honors Project

Open to Jr/Sr only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

GERMN 49200 - Independent Study in German

Number of credits to be determined in advance in consultation with faculty member on basis of work planned.
(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm chair
1-3 cr.

GERMN 49300 - Individual Studies Project in German Studies

Individual research on German-studies topic under direction of faculty member. Written report required.
(Conducted in German)
prereq: perm chair
3 cr.

GERMN 49800 - Internship

(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm of chair
1-4 cr.

German Culture Courses Conducted in English:

GERMN 24000 - German Thought and Culture: A Survey (W)

Pluralism and Diversity
PD/D
GER
2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core
Creative Expression
Pluralism and Diversity
Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures. (Conducted in English) Note: No knowledge of German required. 

prereq or coreq: ENGL 12000 
3 hrs
3 cr.

*No "W" designation when offered in Winter Session

GERMN 36300 - Goethe's Faust in English translation

GERM 37200 - Germany in the Twenties (W)

Pluralism and Diversity
PD/D
GER
3/A

Literature, art and politics in Germany between World War I and Third Reich, 1918-1933. (Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37300 - German-Jewish Love Stories in Literature and Film after 1945 (W)

Study of German literature and films that explore and (re)imagine relationships between non-Jewish and Jewish Germans during and after the Holocaust. 
prereq: ENGL 12000 
3 hrs
3 cr.

GERMN 37400 - Masterpieces of German Literature in English Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Discussion of some outstanding works of German literature. (Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37900 - Studies/Seminar Studies in German Literature in English Translation
Pluralism and Diversity
PD/D
GER
3/A

Discussion and analysis of literary movement, genre, major topic or important author.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

- HIST 33640 – Germany Since 1914
- HIST 34103 – Berlin: Capital of the 20th Century
- HIST 38461 – Hitler's Germany 1919-1945

PHILO 31800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

prereq: ENGL 12000 and two previous courses in philosophy
3 hrs
3 cr.

PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of 20th century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.

prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr.

PHILO 38068 - Kant (W)

GER
3A

Intensive study of the works and legacy of Kant.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38070 - Hegel (W)
Intensive study of the works of Hegel.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38076 - Marx (W)

Intensive study of the works and legacy of Marx (W)

prereq: Two courses in philosophy, at least one of which is at the 200 level
3 hrs
3 cr.

PHILO 38078 - Nietzsche (W)

Intensive study of the works and legacy of Nietzsche.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38083 - Heidegger (W)

Intensive study of the works and legacy of Heidegger.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

POLSC 25400 - Government and Politics in Western Europe (W)

Pluralism and Diversity
PD/D
GER
3/B

Theory, practice, institutions and problems of Western European nations particularly Britain, France and Germany.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.
**POLSC 32200 - Social and Economic Policies in Western Europe and the United States (W)**

**Pluralism and Diversity**

PD/D

GER

3/B

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.

**prereq:** Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).

4 hrs

4 cr.

**Additional Information**

At least nine credits must be earned by taking advanced classes in German literature and culture (numbered 32000-35900; also 44400). At least six credits must be from level II courses (numbered 34000-38500; also 44400).

**Preparation for Teaching in Grades 7-12**

In cooperation with the School of Education, the program in German provides opportunities for students to prepare for a career in teaching German in grades 7-12. Students preparing to teach German must complete a 33-credit major option (Option 2) for teaching that includes the 24-credit sequence (Option 1) taken by non-teaching majors plus 9 additional credits: GERMN 39900 and 6 additional credits in advanced GRMN language and literature courses in the German Department between GERMN 30100 and GERMN 44400 or GERMN 24000, GERMN 24100 or 300-level courses related to German studies offered in other departments (with prior approval by the chairperson of the German Department). Students interested in teaching German in New York schools will take the 23-credit pedagogical sequence for grades 7-12 Languages Other than English: Chinese, French, German, Hebrew, Italian, Russian, Spanish (BA) Additional Coursework and Student Teaching along with the major in German. This sequence may count toward the course requirements for New York State Certification but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the School of Education. All students who want to pursue a teaching certificate in German must take an oral examination with the German Department. See the The School of Education section of this catalog for further information.

**Electives**

All courses offered are open to all qualified students as electives. For placement, consult a departmental adviser or the department chair.

**Honors, Tutorials**

Consult the department chair for these special programs. In order to graduate with departmental honors the student has to write an honors essay in the following. Please check under “Academic Honors” for exact details. Students who qualify can be elected to the German Honor Society Sigma Epsilon Phi. Please consult the department for exact requirements.

**GERMN 49100 - Honors Project**
Open to Jr/Sr only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

Study Abroad

Summer study abroad programs, supported by scholarships, are open to students at all levels. Please contact the department chair for details.

Exchange Program with Pädagogische Hochschule Karlsruhe, Germany

The German Department has a semester-long or year-long exchange program with the Pädagogische Hochschule Karlsruhe. The department will help students seek financial support. Please consult the department for details.

Degree Map for German

Degree Map for German

Greek - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (36 credits)

1) 24 credits of Greek

GRK 10100 - Beginning Ancient Greek 1

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

GRK 10200 - Beginning Ancient Greek 2

Elementary course in grammar, syntax and morphology of Ancient Greek.

prereq: GRK 10100
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisite</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRK 21100</td>
<td>Ancient Greek Reading: Prose</td>
<td>3 hrs</td>
<td>GRK 10200</td>
<td>fall</td>
</tr>
<tr>
<td>GRK 21200</td>
<td>Ancient Greek Reading: Poetry</td>
<td>3 hrs</td>
<td>GRK 21100</td>
<td>spring</td>
</tr>
<tr>
<td>GRK 20200</td>
<td>Plato</td>
<td>3 hrs</td>
<td>GRK 11000 or equiv.</td>
<td>spring</td>
</tr>
<tr>
<td>GRK 30100</td>
<td>Plato II</td>
<td>3 hrs</td>
<td>GRK 20200 or equiv.</td>
<td></td>
</tr>
<tr>
<td>GRK 30200</td>
<td>Euripides</td>
<td>3 hrs</td>
<td>GRK 20200 or equiv.</td>
<td></td>
</tr>
<tr>
<td>GRK 30300</td>
<td>Greek Lyric Poetry</td>
<td>3 hrs</td>
<td>GRK 20200 or equiv.</td>
<td></td>
</tr>
<tr>
<td>GRK 30400</td>
<td>Aristophanes and Menander</td>
<td>3 hrs</td>
<td>GRK 20200 or equiv.</td>
<td></td>
</tr>
</tbody>
</table>
GRK 30500 - Attic Orators

prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30700 - Sophocles

prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30800 - Aeschylus

prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30900 - Herodotus

prereq: GRK 202 or equiv.
3 hrs
3 cr.

GRK 31000 - Thucydides

prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 32000 - Topics in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.

prereq: GRK 20200 or equivalent
3 hrs
3 cr.

GRK 42100 - Independent Study in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.

prereq: GRK 20200 and Department Permission
3 hrs
3 cr.

2) 6 credits of LAT
Depending on prior learning, students may be able to select more advanced LAT courses. See program adviser.

**LAT 10100 - Beginning Latin 1**

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement. 

*3 hrs.*

*3 cr.*

*offered fall*

3) 6 credits of courses with a CLA or a CLARC prefix

**Honors and Tutorials**

Departmental honors in classics and tutorials are open only to majors.

**CLA 49100 - Honors in Classics**

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee. 

*prereq: ENGL 12000, perm dept.*

*3 hrs*

*3 cr.*

Can serve as one of the 3-credit CLA elective courses.

**Degree Map for Greek**

**Greek and Latin - BA**

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

**Courses Required for the Major (36 credits)**

18 credits each of Greek and Latin (may include 10100-10200 or, in Latin, LAT 10700 )

- Courses in Greek
- Courses in Latin

**Honors and Tutorials**

Departmental honors in classics and tutorials are open only to majors.
Degree Map for Greek and Latin

Hebrew - BA

The major consists of 24-30 credits. In general, a Hebrew major is required to achieve proficiency in Biblical and/or modern Hebrew literature by successfully completing a minimum of four courses at the 300 level in Hebrew. Courses in Hebraic studies conducted in English may be applied toward partial fulfillment of the Hebrew major provided they are part of a coherent program approved by the head of the division. Qualified students interested in a more intensive program in the field of Hebraic or Judaic studies, particularly those preparing for graduate work in such specialized areas as Semitic languages and civilizations, Jewish history, Biblical studies and archaeology, medieval or modern Hebrew literature, Near Eastern studies or religious studies, should consult a division adviser regarding additional courses and supportive studies in related fields. Students who demonstrate proficiency in Hebrew through a placement exam may be exempted from some courses. Please see the Classical and Oriental Studies department for details.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEBR 21100</td>
<td>Individual &amp; Society (SS)</td>
</tr>
<tr>
<td>HEBR 22100</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HEBR 22200</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HEBR 24000</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HEBR 25900</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HEBR 29000</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HEBR 29200</td>
<td>Individual and Society (H)</td>
</tr>
<tr>
<td>HEBR 29500</td>
<td>World Culture and Global Issues</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (24-30 credits)

HEBR 10100 - Elementary Hebrew I

Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Language Proficiency Requirement.
HEBR 10200 - Elementary Hebrew II

Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs
3 cr.

100/200+ level HEBR courses (12 credits)
300 level HEBR courses (12 credits)

Honors

Opportunity for honors work is available through HEBR 49100 - Honors Project.

Courses in Hebrew

HEBR 10100 - Elementary Hebrew I

Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

HEBR 10200 - Elementary Hebrew II

Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs
3 cr.

HEBR 10300 - Intensive Elementary Hebrew

Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.
6 hrs
6 cr.

HEBR 10500 - Elementary Biblical Hebrew I

Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew. Not credited without HEBR 10600
3 hours
3 credits

HEBR 10600 - Elementary Biblical Hebrew II
The second in a series of 4 introductory courses in Biblical Hebrew.

**HEBR 20100 - Intermediate Hebrew I**

Continued practice in conversational Hebrew, grammar and composition.

*prereq: HEBR 105 or equivalent.*

3 hours
3 credits

**HEBR 20200 - Intermediate Hebrew II**

Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.

*prereq: HEBR 20100 or equiv.*

3 hrs
3 cr.

**HEBR 20300 - Intensive Intermediate Hebrew**

Second-Year Hebrew in a single course; equivalent to HEBR 20100 and HEBR 20200. Instruction and practice in reading, writing, and written and oral comprehension. Students may not receive credit for 20300 if they have credit for 20100 and/or 20200.

*prereq: HEBR 10200 or HEBR 10300*

6 hrs
6 cr.

**HEBR 20500 - Intermediate Biblical Hebrew I**

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses.

*prereq: Biblical Hebrew 10600 or equivalent.*

3 hours
3 credits

**HEBR 20600 - Intermediate Biblical Hebrew II**

This is the 4th semester of the 4-semester Biblical Hebrew series.

*prereq: HEBR 20500 or equivalent.*

3 hours
3 credits

**HEBR 21000 - Selected Studies in Hebrew Literature in Translation**

*Pluralism and Diversity*

PD/C (HEBR 21060 only)

Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 hrs
3 cr.
HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr.

HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.
3 hrs
3 cr

HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity
PD/A
GER
3/A

A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.
prereq: ENGL 12000
3 hrs
3 cr.

HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
Study of major works in Yiddish literature from Mendele Mocher Seforim to present.

**prereq:** ENGL 22000

3 hrs

3 cr

### HEBR 22000 - Israeli Cinema

**Pluralism and Diversity**

PD/A

**GER**

3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.

*cross-listed* cross-listed with FILM 21344

**prereq:** ENGL 12000

3 hrs

3 cr

### HEBR 22100 - Modern Israeli Culture

**Hunter Core**

World Culture and Global Issues (WCGI)

A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.

**prereq:** ENGL 12000

3 hours

3 credits

### HEBR 24000 - Introduction to the Old Testament

**Hunter Core**

World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A

**GER**

2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
HEBR 25000 - Topics in Hebraic Studies

Pluralism and Diversity
PD/C
Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 hrs
3 cr

HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

3 hrs
3 cr

HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

GER
3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.

3 hrs
3 cr

HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.

3 hrs
3 cr

HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
Comparative study of ancient Near Eastern literature and the Hebrew Bible.

**HEBR 28800 - Ancient Hebraic Folklore**

- **Pluralism and Diversity**
- **PD/A**
- **GER**
- **2/C**

Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apocryphal literature and rabbinic Aggada.

**HEBR 29000 - Biblical Archaeology**

- **Hunter Core**
- **Flexible Core: World Culture and Global Issues**
- **Pluralism and Diversity**
- **PD/A**
- **GER**
- **2/C**

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

**HEBR 29200 - The Hebrew Prophets**

- **Hunter Core**
- **Individual and Society (Humanities)**
- **Pluralism and Diversity**
- **PD/A**
- **GER**
- **2/C**

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.

**HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)**

- **Pluralism and Diversity**
- **PD/A**
- **GER**
- **3/A**

Study of form, content and religious significance of these two enigmatic masterworks.
HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr

HEBR 29600 - The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
3 hrs
3 cr

HEBR 31000 - Modern Hebrew Literature I

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
3 cr

HEBR 31100 - Modern Hebrew Literature II

GER
3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31500 - Biblical Literature: Pentateuch
Pluralism and Diversity
PD/A
GER
3/A

Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from books of Joshua, Judges, Samuel and Kings.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31700 - Biblical Literature: Prophetic Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr

HEBR 31800 - Biblical Literature: Hagiographa

Pluralism and Diversity
PD/A
GER
3/A

Selections from Job, Proverbs, Psalms and the five Megillot.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32000 - The Modern Hebrew Short Story

GER
3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 22300 - Introduction to Talmudic Literature in Translation

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
3/A

Introduction to the structure, content, and formation of the Talmudic corpus and the history of its interpretation and application. All texts studied in English translation.
Counts toward Hebrew major and Hebraic Studies Minor.
prereq: ENGL 12000
3 hrs.
3 cr.

HEBR 32200 - Medieval Literature

Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32400 - The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
3/A

Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
HEBR 32500 - History of Modern Hebrew Literature

GER
3/A

Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32600 - Hebrew Poetry Between the Two World Wars

GER
3/A

Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700 - The Modern Hebrew Novel

GER
3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32800 - Contemporary Hebrew Prose

GER
3/A

prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 33100 - Medieval Hebrew Philosophic Texts

GER
3/A

Study of selected chapters of Halevi's Kuzari and Maimonide' Moreh Nebukim (Guide to the Perplexed).
HEBR 35100 - Hebrew Grammar and Composition

Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in composition.

prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 35700 - Approaches to Main Problems in Hebraic Studies

Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester.

There are "unlimited" repeats for this course.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.

prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr

HEBR 45100 - Selected Studies in Hebrew Literature

Pluralism and Diversity

PD/D

Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division
3 hrs
3 cr

HEBR 49000 - Independent Studies

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester.

There are "unlimited" repeats for this course.
prereq: permission of division head
hrs TBA
3 cr

HEBR 49100 - Honors Project
Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester. There are "unlimited" repeats for this course.

**prereq:** Jr/Sr only; perm division

1 sem

3 cr.

Degree Map for Hebrew

Degree Map for Hebrew

**History - BA**

The study of the human past expands our understanding of what it is to be human. History courses may offer overviews that sweep across centuries and continents, or focus on the history of a nation, a demographic group, a social, environmental, political, economic or cultural topic, or even the life and times of a single individual, but all are united in seeking to inculcate an evidence-based critically-informed understanding of our past. Historical knowledge is key to understanding continuity and change in societies, in systems of knowledge and belief, in technologies, and in cultures. History students learn to find and interpret primary sources, and to rigorously analyze the historical writings of others. Working with department faculty students learn to plan, research and write historical papers of their own, to craft convincing arguments and to convey them in effective and compelling language. This knowledge and these skills are valued within and without the field of academic history, and history graduates have gone on to successful careers in business, government, public interest fields, journalism, and other professions, or have continued their studies in graduate or law schools.

**Hunter Core Requirement**

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the History major, the courses that meet CCCR are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 11100</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 11200</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 12100</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 12200</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 15100</td>
<td>US Experience in its Diversity (USED)</td>
</tr>
<tr>
<td>HIST 15200</td>
<td>US Experience in its Diversity (USED)</td>
</tr>
<tr>
<td>HIST 20800</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
</tbody>
</table>
HIST 27700 World Culture and Global Issues (WCGI)

HIST 27800 World Culture and Global Issues (WCGI)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (30 credits)

1. A maximum of 9 credits in 100-level courses may be taken.

2. A minimum of 18 credits in advanced-level courses distributed as follows:
   - 6 credits in 200-level courses (not including HIST 29000)
   - 9 credits in 300-level courses or higher (not including HIST 30000/HIST 40000)

3. History Practicum

HIST 29000 - History Practicum (W)

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more self-directed, substantial and independent historical research projects in the future.

prereq: ENGL 12000; 6 cr in history and permission of the department

3 hrs.

3 cr.

Majors must have passed 9 credits of HIST-designated courses before enrolling in HIST 29000. No more than 6 of the 9 credits required for HIST 29000 enrollment may be at the 100 level.

A minimum grade of C is required to receive credit for HIST 29000

4. Historical Research or Historical Research Honors

HIST 30000 - Historical Research (W)

GER

3/B
Independent research related to a prior upper-level course already completed under the supervising instructor. The research will result in an extensive paper.

Courses at the 300-level and above not offered to freshmen.

*prereq: HIST 29000 and departmental permission*

3 hrs
3 cr.

5. Geographic Distribution:

Within the requirements for the major (exclusive of HIST 30000) students must complete a minimum of 6 credits in each of the following geographic fields:

1. United States history
2. European history (includes Russia and the U.S.S.R.)
3. World/Non-Western history (includes Asia, Africa, Middle East, Latin America).

6. Chronological Distribution:

Within the requirements for the major (exclusive of HIST 30000) students must also complete a minimum of 3 credits in a course that is largely focused on years prior to 1815:

- If the course is at the 100-level, it must cover material that is entirely pre-1815.
- If the course is at the 200-level or higher, the majority of the material in it must be pre-1815.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Honors in History

Students will be eligible for honors in history upon the completion of all of the requirements for the major (including HIST 30000) with a 3.5 GPA and a 3.0 cumulative GPA at the time of graduation. In order to receive honors students may complete a portion of their major requirements in one of the following ways. (Choose one of the following options 1, 2 or 3):

1. completing HIST 40000 with a grade of B or better in lieu of HIST 30000, which is required for the major
2. completing 3 credits with a grade of B or better in an honors seminar, problems course, or tutorial (with departmental permission) in lieu of one of their 300-level or higher courses required for the major. Such seminars, honors courses, or tutorial options include:
   - HIST 48300 Problems in U.S. History (Honors) (W)
   - HIST 48400 Problems in European History (Honors) (W)
   - HIST 48500 Problems in Non-Western History (Honors) (W)
   - HIST 49300 Individual Tutorial Research Project

   Note: the student must still complete HIST 30000 or HIST 40000

3. completing a graduate-level course (with special permission from the instructor) with a grade of B or better in lieu of one of their 300-level or higher courses required for the major. Note: the student must still complete HIST 30000 or HIST 40000. Eligible students should apply for honors at the time they file for graduation. Applications are available from the department.
Graduate Study

Qualified students in their junior and senior years may be admitted to graduate courses with the approval of the department chair.

Degree Map

Degree Map for History

Human Biology - BA

Human Biology is a multidisciplinary major that provides students with a curriculum that emphasizes the analysis of humanity in a holistic framework that includes behavioral, cultural, social, and biological approaches. This major will guide students towards an integrated view of humans and our biology through a wide array of courses from departments including Anthropology, Biological Sciences, Psychology, Sociology, and Urban Public Health. The Human Biology major curriculum is built on a core foundation of courses in biology, anthropology, and statistics. Students will then choose one of the following three specialized tracks: Track I. Body, Mind, and Health, which emphasizes biological knowledge within the context of human biology, with coursework that addresses how social factors have an impact on humans and human health; Track II. Human Evolution and Variation, which emphasizes humans as an evolved species that is part of the natural world, with coursework focusing on physical anthropology; and Track III. Human Organizations, which emphasizes social phenomena, with coursework from multiple social science disciplines. Finally, students will complete a capstone course in human biology (HMBIO 40100), where they will analyze some of the key contemporary topics and issues in human biology from multiple vantage points. The knowledge and skills obtained by Human Biology majors will prepare students well for a range of future careers and educational paths, including graduate school in the sciences or social sciences; medical, public health, and allied health graduate training (possibly requiring additional course work); and careers in natural or social sciences research or related fields.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHC 10100</td>
<td>Individual and Society (SS)</td>
</tr>
<tr>
<td>ANTHC 12600</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>ANTHC 12700</td>
<td>Scientific World</td>
</tr>
<tr>
<td>ANTHP 10100 (STEM)</td>
<td>Scientific World and Life and Physical Sciences</td>
</tr>
<tr>
<td>ANTHP 10500</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>BIOL 10000 (STEM)</td>
<td>Scientific World and Life and Physical Sciences</td>
</tr>
<tr>
<td>BIOL 10200 (STEM)</td>
<td>Scientific World and Life and Physical Sciences</td>
</tr>
</tbody>
</table>
BIOL 12500 (STEM)  Scientific World and Life and Physical Sciences
BIOL 15000 (STEM)  Scientific World and Life and Physical Sciences
CHEM 10200 (STEM)  Scientific World and Life and Physical Sciences
CHEM 12000 (STEM)  Scientific World and Life and Physical Sciences
CHEM 12100 (STEM)  Scientific World and Life and Physical Sciences
MATH 12500 (STEM)  Math/ Quantitative Reasoning
SOC 10100  Individual and Society (SS)
STAT 11300  Math/ Quantitative Reasoning
STAT 21300 (STEM)  Math/ Quantitative Reasoning

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (36-47 credits)

Students will be required to have C- or Credit grades or better in the Core Sequence to continue in the major. Transfer students will be required to take ANTHP 10500 and receive a C or better to continue in the major. Students may place out of MATH 10100, MATH 10150, MATH 101EN, MATH 14000, MATH 12500 (STEM), MATH 12550 (STEM), MATH 15000 (STEM) and MATH 15500 (STEM) requirements. See the Department of Mathematics and Statistics for details. Students with appropriate background may be exempted from some Chemistry or Biology introductory courses. See Human Biology Advising for proper placement.

A. Core Requirements (19-27.5 credits)

1. Introductory Course in the Major (3 credits)

**ANTHP 10500 - The Human Species**

*Hunter Core*
Life and Physical Sciences (LPS)

**GER**
2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution

*3 hrs*

*3 cr.*

2. Required Math Courses (0-8 credits)
MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)

3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs

1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs

4 cr.

3. Choose One Biology Sequence (9-13.5 credits)

Note: Students who transfer in BIOL 10000 (STEM) or BIOL 12000 are not required to complete CHEM 10200 (STEM), CHEM 12000 (STEM) or CHEM 12100 (STEM)

a) Option 1

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
PD/C or D

GER
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Labs</th>
<th>Discussions</th>
<th>Title</th>
<th>Core Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>3</td>
<td>1</td>
<td>BIOL 10200 (STEM) - Principles of Biology II</td>
<td>Hunter Core; Scientific World (SW); Life and Physical Sciences (LPS); Pluralism and Diversity</td>
</tr>
<tr>
<td>4.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Labs</th>
<th>Discussions</th>
<th>Title</th>
<th>Core Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td></td>
<td></td>
<td>CHEM 10200 (STEM) - General Chemistry I</td>
<td>Hunter Core; Scientific World (SW); Life and Physical Sciences (LPS)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

b) Option 2

**BIOL 12000 - Anatomy and Physiology I**
Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
fall only

BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, excretory, endocrine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
spring only

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

4. Choose One Statistics course

STAT 11300 - Elementary Probability and Statistics
Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

* Note: These courses may be counted for credit in more than one program.

B. One of the Following Three Tracks

Choose ONE of the following THREE Tracks and complete 18 credits of coursework within that track (9 of the 18 credits must be at the 300+ level. The 18 credits must come from more than one department)

Track I: Body, Mind, & Health

ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.

prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr.

ANTHP 30500 - Evolution of the Human Skeleton

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.

prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
3 hrs.
3 cr.
ANTHP 30600 - Human Anatomy

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.

prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL102 (Principles of Biology 2) or BIOL 12200 (Anatomy & Physiology 2).
3 hrs.
3 cr.

BIOL 12500 (STEM) - Human Biology

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr.
spring only

BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that
will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.

6 hrs
4.5 cr.
fall only

**BIOL 22000 - Topics in Genetics and Evolution**

**GER**
3/B


*prereq: BIOL 10000 or equiv.*

3 hrs
3 cr.
spring only

**BIOL 25000 - Current Topics in the Biosciences (W)**

**GER**
3/B

Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political and ethical issues associated with each topic. This course will also examine how government agencies (eg. FDA, USDA, EPA) use science to form public policy.

*prereq or coreq: ENGL 12000 or equiv, and 2 sems intro lab science or equiv, or perm instr*

3 hrs
3 cr.
fall only

**BIOL 30400 - Environmental Microbiology**

**GER**
3/B

Role of microorganisms in normal and polluted environments: bioremediation, waste and water treatment, heavy metals, nutrient cycles, microbes as a food source, algal toxins, microbial pesticides, microbial indicators of mutagens and pollutants, microbial leaching of ores.

*prereq: BIOL 10000, 10200, 20000 or perm instr.*

3 hrs
3 cr.

**BIOL 37600 - Endocrinology**
Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.

**prereq:** BIOL 20200 or perm instr.

3 hrs (lec)
3 cr.
spring only

### PH 30300 - Social Structure and Health (W)

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.

**prereq:** acceptance to the PH major, or permission of the instructor

3 hrs
3 cr.

### PH 30600 - Social Disparities in Health

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.

**prereq:** PH 30100

3 hrs
3 cr.

### PH 32800 - Public Health Biology

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.

Minimum GPA to enroll - 2.75

**prereq:** Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100, or equivalent.

3 hrs
3 cr.

### PH 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.

Minimum GPA to enroll - 2.75

**prereq:** Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.

3 hrs
3 cr.
PH 40500 - Health Care Systems and Health Policy

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the health care field.

prereq: PH 30100
3 hrs
3 cr.

NFS 13100 - Food Science I

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr.

NFS 14100 - Nutrition

Hunter Core
Scientific World (SW)
Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr.

NFS 33200 - Cultural Aspects of Food and Nutrition

Study of the way in which cultural, social and technological factors influence food behavior and dietary patterns.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ANTHP 10100, SOC 101
3 hrs
3 cr.

NFS 34200 - Nutrition and Human Development

Nutritional needs throughout the life cycle: pregnancy, infancy, childhood, adolescence, adulthood and later years.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 44100 - Community Nutrition

Analysis of nutrition services, legislation and policy; role and function of community nutritionists; nutrition education in a community setting.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.
PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.

prereq: ENGL 12000

3 hrs

3 cr.

PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.

3 hrs

3 cr.

PSYCH 15000 - Human Development

GER
2/B

Development from conception to death; biological, physiological and social factors and their interactions at each stage.

prereq: PSYC 10000

3 hrs

3 cr.

PSYCH 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

cross-listed WGSS 17000

prereq: PSYCH 10000

3 hrs

3 cr.

PSYCH 18000 - Brain and Behavior

GER
2/B
Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.

*prereq: PSYC 10000
3 hrs
3 cr.*

**PSYCH 21000 - Child Development**

**GER**
3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)

Writing Intensive

*prereq: PSYC 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.*

**PSYCH 22300 - Abnormal Psychology**

**GER**
3/B

Consideration of psychological abnormalities; symptoms, etiology, diagnostic procedures and therapy.

Writing Intensive

*prereq: PSYC 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.*

**PSYCH 22400 - Neuroscience**

The aim of this course is to introduce you to the biological and physiological aspect of the science of Psychology. Biopsychology is the subarea of Psychology that takes a biological approach to understanding behavior. Biopsychologists study the biological events - genetic, neural, endocrine- that underlie each and every one of our thoughts, feelings, and actions. This course will explore what is currently known about the biological basis of emotional responses, mental illness, sexual behavior, memory, states of consciousness, sensory perception, thought and language, and several neurological disorders.

*prereq: PSYC 10000 and any other 3 CR PSYCH Course; completion of ENGL 12000 with a minimum grade of C
3 hrs
3 cr.*

**PSYCH 23500 - The Psychology of Women**

**Pluralism and Diversity**

**PD/C**

**GER**
3/B
Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.

Writing Intensive cross-listed WGSP 23500 (W)

*prereq: PSYCH 10000 and any other 3 cr PSYCH course
*prereq or coreq: ENGL 12000
3 hrs
3 cr.

**PSYCH 24200 - Health Psychology**

**GER**
3/B

Psychological and behavioral factors related to physical illness and health promotion, including such areas as aging, stress and coping, pain, addiction and eating disorders.

Writing Intensive

*prereq: PSYCH 10000 and any other 3 cr PSYCH course
*prereq or coreq: ENGL 12000
3 hrs
3 cr.

**SOC 30100 - Medical Sociology**

**GER**
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.

*prereq: SOC 10100
3 hrs
3 cr.

**WGSP 25100 - Women and Health**

**Pluralism and Diversity**

**PD/C**

An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.

*cross-listed HED 20100
3 hrs
3 cr.

**Track II: Human Evolution and Variation**

**ANTHP 10100 (STEM) - Human Evolution**

**Hunter Core**

Life and Physical Sciences (LPS) Scientific World (SW)

**GER**
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics,
comparative primate biology, the fossil record, and modern human variation. 
6 hrs (3 hrs lec, 3 hrs lab) 
4 cr. 
offered every sem.

**ANTHP 10200 (STEM) - Human Variation**

**Hunter Core**
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
GER
2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations. 
6 hrs (3 hrs lec, 3 hrs lab) 
4 cr. 
offered every sem.

**ANTHP 21000 - Biology of the Living Primates**

This survey-based course will examine the diversity of the Order: Primates. The course will focus on the habitats, life history, ecology, behavior, and conservation of the living primates from an evolutionary perspective. 
3 hrs 
3 cr.

**ANTHP 30100 - Human Fossil Record**

Pluralism and Diversity
PD/C
GER
3/B

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record. 
prereq: ANTHP 10100, 10200, or equiv. 
3 hrs 
3 cr.

**ANTHP 30200 - Human Genetics**

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability. 
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500 
3 hrs 
3 cr.

**ANTHP 30500 - Evolution of the Human Skeleton**

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton
with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the
first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting
where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of
a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are
expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the
course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and
facilitate study time outside of class.

prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or
      ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or
      ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
      3 hrs.
      3 cr.

ANTHP 30600 - Human Anatomy

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and
vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods
spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will
provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical
models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional
anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory
session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory
workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures,
and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study
time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time
outside of class.

prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or
      ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or
      ANTHP 10500 (The Human Species) or BIOL102 (Principles of Biology 2) or
      BIOL 12200 (Anatomy & Physiology 2).
      3 hrs.
      3 cr.

ANTHP 31000 - Primate Ecology and Behavior

GER

3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species.

prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200

3 hrs

3 cr.

ANTHP 31100 - Primate Evolution

GER

3/B

65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at
the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.

**prereq:** ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500

3 hrs
3 cr.

ANTHP 31600 - Human Evolutionary Adaptations

GER
3/B

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.

**prereq:** ANTHP 10100 or ANTHP 10500

3 hrs
3 cr.

ANTHP 31800 - Primate Nutritional Ecology

This course will examine how primates meet their nutritional needs through interactions with their environments. From an evolutionary perspective, the course will address primate feeding and digestion, foraging theory and dietary methods.

**prereq:** ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or BIOL 10200 (Principles of Biology 2) or ANTHP105 (The Human Species) or ANTHP 21000 (Biology of the Living Primates

3 hrs.
3 cr.

BIOL 12500 (STEM) - Human Biology

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
BIOL 22000 - Topics in Genetics and Evolution

GER
3/B


`prereq: BIOL 10000 or equiv.`

3 hrs
3 cr.

spring only

PSYCH 15000 - Human Development

GER
2/B

Development from conception to death; biological, physiological and social factors and their interactions at each stage.

`prereq: PSYC 10000`

3 hrs
3 cr.

PSYCH 16000 - Evolution and Behavior

GER
2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.

`prereq: PSYC 10000`

3 hrs
3 cr.

PSYCH 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C

GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

`cross-listed WGSS 17000`

`prereq: PSYCH 10000`

3 hrs
3 cr.
PSYCH 22500 - Ethology: Animal Behavior

GER  
3/B

Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison.  
Writing Intensive  
prereq: PSYCH 10000 and any other 3 cr PSYCH course  
prereq or coreq: ENGL 12000  
3 hrs  
3 cr.

PSYCH 23500 - The Psychology of Women

Pluralism and Diversity  
PD/C  
GER  
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.  
Writing Intensive cross-listed WGSP 23500 (W)  
prereq: PSYCH 10000 and any other 3 cr PSYCH course  
prereq or coreq: ENGL 12000  
3 hrs  
3 cr.

Track III: Human Organizations

ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core  
Individual and Society (Social Sciences) - I&S SS  
Pluralism and Diversity  
PD/A  
GER  
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.  
3 hrs  
3 cr.  
offered every sem.

ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core  
World Culture and Global Issues (WCGI)  
GER  
2/B
Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

ANTHC 12700 - Methods In Archaeological Science

Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23200 - Archaeology of South America and the Caribbean

GER 3/B
Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 30100 - Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER 3/B
Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 30800 - Human Ecology

Pluralism and Diversity
PD/A
GER 3/B
Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.
ANTHC 30900 - Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.

*prereq: ANTHC 10100 or perm instr.*

3 hrs
3 cr.

ANTHC 31200 - Anthropological Approaches to Sexuality

Pluralism and Diversity
PD/C
GER
3/B

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.

*prereq: ANTHC 10100*

3 hrs
3 cr.

ANTHC 31500 - Applied Anthropology

GER
3/B

Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.

*prereq: ANTHC 10100 or perm instr.*

3 hrs
3 cr.

ANTHC 32700 - Prehistoric Cultural Ecology

GER
3/B

Survey of selected problems in human evolution and adaptation from an ecological perspective.

*prereq: ANTHC 12600 or perm instr*

3 hrs
3 cr.

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development;
immigration and internal migration; how age, race and gender affect other demographic processes; and how and why
these processes vary around the world. Additionally, students will examine the "mechanics" of computing population
growth and change as well as different ways to visually display measures of population. Offered fall and spring.

Prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize
the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation
and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and
their treatment, group processes.
3 hrs
3 cr.

PSYCH 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social
attitudes, legal issues,
cross-listed WGSS 17000
Prereq: PSYCH 10000
3 hrs
3 cr.

PSYCH 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and
cognitive gender differences.
cross-listed WGSS 19000
Prereq: PSYCH 10000
3 hrs
3 cr.

PSYCH 23000 - Social Psychology

GER
3/B
Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.

Writing Intensive

prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 23500 - The Psychology of Women

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.

Writing Intensive cross-listed WGSP 23500 (W)
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

SOC 10100 - Introduction to Sociology

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr.

SOC 20100 - The Family

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr.

SOC 21700 - Race and Ethnicity
Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.

prereq: SOC 10100
3 hrs
3 cr.

SOC 25100 - Interpersonal Behavior

GER
3/B

Study of interactional processes and the emergence and maintenance of selves and identities.

prereq: SOC 10100
3 hrs
3 cr.

SOC 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.

cross-listed WGSS 25700

prereq: SOC 10100
3 hrs
3 cr.

SOC 30100 - Medical Sociology

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.

prereq: SOC 10100
3 hrs
3 cr.

SOC 30700 - Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.

prereq: SOC 10100
3 hrs
3 cr.

SOC 31100 - Population Dynamics

GER
3/B

Comparative analysis of fertility, mortality, migration trends, and related social factors.
prereq: SOC 10100
3 hrs
3 cr.

SOC 31700 - Class, Status, and Power

GER
3/B

Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
prereq: SOC 10100
3 hrs
3 cr.

SOC 36100 - Development and Globalization (W)

Pluralism and Diversity
PD/A
GER
3/B

This course will examine the effort of poor countries to achieve economic and social development, and the possible outcomes of that effort. Effects on social relations and the living standards of the poor majority; the purposes of development, the strategies for development that have been adopted, and the theories which attempt to explain why countries do or do not grow economically.
prereq: SOC 10100
3 hrs
3 cr.

C. Human Biology Senior Capstone

- HMBIO 40100 Human Biology Senior Capstone

Optional Courses

- Independent Study (HMBIO402*) (1-3 Credits)
- Internship (HMBIO 403*) (1-3 Credits)
*(These do not count towards the credits listed above.)
Honors Requirements

Complete Independent Study (HMBIO402*) (3 Credits) or Internship (HMBIO 403*) (3 Credits) AND Overall GPA 3.0 or higher AND Human Biology Major GPA 3.5 or higher.

Degree Maps for Human Biology

Degree Map for Human Biology BA (Biology Sequence Option 1: Principles of Biology and General Chemistry)

Degree Map for Human Biology BA (Biology Sequence Option 2: Anatomy & Physiology, and Essentials of Organic Chemistry)

Italian - BA

The Italian major provides two concentrations:

1. Italian Literature
2. Italian Language and Civilization

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Honors

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

Graduate Study

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. After consultation with an Italian adviser, permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

Study Abroad

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements). Qualified students can apply for financial aid and STOCS grants. Hunter in Italy: Other Study Abroad options can be discussed with an Italian adviser. Winter Program Hunter in Florence, held during January intersession, offers courses and Italian Culture and Literature taught in English.

Italian Language and Civilization
A concentration on Italian language with an emphasis on oral and written communication.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Italian major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITAL 28000</td>
<td>Individual and Society (H)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (30-42 credits)

Students who demonstrate proficiency in Italian through a placement exam may be exempted from some courses.

12 credits from:

ITAL 10100 - Elementary Italian I

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

ITAL 10200 - Elementary Italian II

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr.

ITAL 10300 - Intensive Elementary Italian

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
6 hrs
6 cr.
ITAL 20100 - Intermediate Italian I

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr.

ITAL 20200 - Intermediate Italian II

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr.

ITAL 20300 - Intensive Intermediate Italian

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 10300
6 hrs
6 cr.

15 credits from:

ITAL 22100 - Italian for Oral Communication

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200 or perm dept.
3 hrs
3 cr.

ITAL 31100 - Advanced Italian Grammar

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200 or equiv.
3 hrs
3 cr.

ITAL 31200 - Advanced Italian Composition
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 31100 or equiv.
3 hrs
3 cr.

ITAL 32100 - Italian Translation

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ITAL 311 or equiv.
3 hrs
3 cr.

ITAL 33100 - Italian Phonetics and Diction

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ITAL 202 or equiv.
3 hrs
3 cr.

ITAL 36500 - The 20th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

15 credits from Group A (offered in English) and Group B (offered in Italian) with no more than 9 credits from Group A.

Group A:

ITAL 260000 - Modern Italian Short Story (W)

Pluralism and Diversity
PD/D
GER
2/C

In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ENGL 120 or equiv.
ITAL 27500 - Masterpieces of Italian Literature

In English. Selections from Dante to Leopardi. Strongly recommended before taking any 300-level course. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000

ITAL 27600 - Dante's Divine Comedy in English (W)

Pluralism and Diversity
PD/D
GER
3/A

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000

ITAL 28000 - The Italian Renaissance: An Introduction

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/D
GER
2/C

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000

ITAL 33400 - Italian Civilization in the Baroque, in English

Pluralism and Diversity
PD/D
GER
2/C

An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation
3 hrs
3 cr.

ITAL 33500 - Italian Culture I

GER
2C

In English. Main intellectual-artistic currents from the 12th to 15th century.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000
3 hrs
3 cr.

ITAL 33600 - Italian Culture II

GER
2/C

In English. Main intellectual-artistic currents from the 16th to 20th century.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 120
3 hrs
3 cr.

ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English

Pluralism and Diversity
PD/C
GER
2/C

Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000
3 hrs
3 cr.

ITAL 33800 - 19th and 20th Century Italian Women Writers, in English

Pluralism and Diversity
PD/C
GER
3/A
Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Margherita Guidacci, Maria Luisa Spaziani.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ENGL 12000

3 hrs

3 cr.

**Group B:**

**ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century**

**GER**

3/A

Selections from Dante to Ariosto.

**prereq:** ITAL 20200

3 hrs

3 cr.

**ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present**

Pluralism and Diversity

**GER 3/A PD/D**

Selections from Tasso to contemporary writers.

**prereq:** ITAL 20200

3 hrs

3 cr.

**ITAL 34300 - Dante's Vita Nuova and Inferno**

Pluralism and Diversity

**PD/D**

**GER**

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq:** ITAL 34100

3 hrs

3 cr.

**ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso**

Pluralism and Diversity

**PD/D**
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34500 - Dante's Paradiso and Major Prose Works**

Pluralism and Diversity  
PD/D  
GER  
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism**

Pluralism and Diversity  
PD/D  
GER  
3/A

Il Canzoniere and II Decamerone.  
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34700 - 16th Century Italian Literature**

Pluralism and Diversity  
PD/D  
GER  
3/A

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.  
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34800 - 17th and 18th Century Literature**
Study of such authors as Tasso, Goldoni and Alfieri. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. 

**ITAL 35000 - The Modern Italian Novel**

Study of the Modern Italian Novel from Manzoni to present. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 35100 - The Modern Italian Theatre**

Plays of Goldoni, Manzoni, Alfieri, D'Annunzio, Pirandello, Betti and contemporaries. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 36000 - The Middle Ages: Special Topics**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 36100 - The Renaissance: Special Topics**
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34100**
3 hrs
3 cr.

**ITAL 34200**
3 hrs
3 cr.

**ITAL 34300**
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34400**
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34100 or 34200** (depending on topic)

**ITAL 36200 - The 17th Century: Special Topics**

**ITAL 36300 - The 18th Century: Special Topics**

**ITAL 36400 - The 19th Century: Special Topics**

**ITAL 37000 - Italian Literature: Special Topics**

Topics to be offered may include individual authors, themes, genres, movements, or approaches.
ITAL 37500 - Seminar in Italian Literary History

Strongly recommended for all Italian majors. Readings, discussion and reports.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 34100, 34200
3 hrs
3 cr.

ITAL 49500 - Independent Study in Italian Literature

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: perm dept. adviser
1-3 cr.

Degree Map

Degree Map for Italian Language and Civilization

Italian Literature

A concentration on Italian literature with an emphasis on the study of literary history and texts. The majority of the courses are offered in Italian.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCReq], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Course Required for the Major (30-42 credits)

Students who demonstrate proficiency in Italian through a placement exam may be exempted from some courses.

0-12 credits from

ITAL 10100 - Elementary Italian I

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.
ITAL 10200 - Elementary Italian II

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr.

ITAL 10300 - Intensive Elementary Italian

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

6 hrs
6 cr.

ITAL 20100 - Intermediate Italian I

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr.

ITAL 20200 - Intermediate Italian II

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr.

ITAL 20300 - Intensive Intermediate Italian

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 10200 or 10300
6 hrs
6 cr.

3 credits from

ITAL 31100 - Advanced Italian Grammar
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.  

préreq: ITAL 20200 or equiv.  
3 hrs  
3 cr.

ITAL 31200 - Advanced Italian Composition

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.  

préreq: ITAL 31100 or equiv.  
3 hrs  
3 cr.

ITAL 33100 - Italian Phonetics and Diction

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.  

préreq: ITAL 202 or equiv.  
3 hrs  
3 cr.

9 credits from

ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

GER 3/A

Selections from Dante to Ariosto.  
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.  

préreq: ITAL 20200  
3 hrs  
3 cr.

ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present

Pluralism and Diversity  
GER 3/A PD/D

Selections from Tasso to contemporary writers.  
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.  

préreq: ITAL 20200  
3 hrs  
3 cr.

ITAL 34300 - Dante's Vita Nuova and Inferno
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34300**

3 hrs
3 cr.

15 credits chosen from

**ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism**

Il Canzoniere and Il Decamerone.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34700 - 16th Century Italian Literature**

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq:** ITAL 34100

3 hrs  
3 cr.

**ITAL 34800 - 17th and 18th Century Literature**

**Pluralism and Diversity**  
PD/D  
GER  
3/A

Study of such authors as Tasso, Goldoni and Alfieri.  
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq:** ITAL 34100

3 hrs  
3 cr.

**ITAL 34900 - The Modern Italian Lyric**

**Pluralism and Diversity**  
PD/D  
GER  
3/A

From Leopardi to contemporaries.  
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq:** ITAL 34200

3 hrs  
3 cr.

**ITAL 35000 - The Modern Italian Novel**

**Pluralism and Diversity**  
PD/D  
GER  
3/A

Novel from Manzoni to present.  
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq:** ITAL 34200

3 hrs  
3 cr.

**ITAL 35100 - The Modern Italian Theatre**

**GER**  
3/A
Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 36000 - The Middle Ages: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 36100 - The Renaissance: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 36200 - The 17th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 36300 - The 18th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.
ITAL 36400 - The 19th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34200*

3 hrs
3 cr.

ITAL 36500 - The 20th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34200*

3 hrs
3 cr.

ITAL 37000 - Italian Literature: Special Topics

GER
3/A

Topics to be offered may include individual authors, themes, genres, movements, or approaches.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34100 or 34200 (depending on topic)*

3 hrs
3 cr.

ITAL 37500 - Seminar in Italian Literary History

Strongly recommended for all Italian majors. Readings, discussion and reports.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ITAL 34100, 34200*

3 hrs
3 cr.

ITAL 49500 - Independent Study in Italian Literature

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: perm dept. adviser*

1-3 cr.
Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:

**ITAL 39900 - Second Language Acquisition**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: at least three courses at the 300 level in the language; ENGL 12000*

3 hrs

3 cr.

**ITAL 49500 - Independent Study in Italian Literature**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: perm dept. adviser*

1-3 cr.

---

**Degree Map**

Degree Map for Italian Literature

---

**Jewish Studies - BA**

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Jewish Studies major, the courses that meet CCCR are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEBR 21100</td>
<td>Individual and Society (H)</td>
</tr>
<tr>
<td>HEBR 22200</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HIST 20800</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>REL 25200</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>REL 25300</td>
<td>World Culture and Global Issues</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major (24 credits)**
The 6 core credits required of all majors are:

**HIST 20800 - History of the Jews**

**Hunter Core**
World Culture and Global Issues (WCGI)
Pluralism and Diversity

**PD/A GER**
2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

*prereq or coreq: ENGL 12000*

3 hours
3 credits

**HEBR 22200 - Introduction to Jewish Texts and Writings**

**Hunter Core**
World Culture and Global Issues (WCGI)

A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.

*prereq or coreq: ENGL 120*

3 hours
3 credits

**15 Credits in Jewish Studies**

In addition to the core courses, students must select 15 credits in Jewish studies in conjunction with the program adviser, at least 6 of which must be at the 300-level or above. Students are encouraged to select from, but are not limited to, the following:

**HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)**

**Hunter Core**
Individual and Society (Humanities) -I&S H

**Pluralism and Diversity**

PD/D GER
2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

*3 hrs 3 cr.*

**HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)**

**GER**
2/C

Survey of Hebraic literature from Enlightenment movement to present.
HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr

HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

GER
3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

HEBR 49100 - Honors Project

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester. There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr.

HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 24200 - The Holocaust: An Introduction

Pluralism and Diversity
PD/D

The attempt to exterminate the Jewish people by the Nazis.
Courses at the 300-level and above not offered to freshmen.
HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.

HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.

HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
Prereq or coreq: ENGL 12000

HIST 32100 - History of the Holocaust

GER
3/B

Examination of the mass murder of 6 million Jews by the Nazi regime during World War II.
Courses at the 300-level and above not offered to freshmen.
**HIST 32700 - Europe since 1914**

**GER**  
3/B

Europe in a century of total wars and cold war: the military, political, social, economic and intellectual scene. Courses at the 300-level and above not offered to freshmen.  

3 hrs  
3 cr.

**JS 31000 - Jewish Studies Fieldwork**

Supervised experience in a Jewish community agency, periodic consultation with program director and preparation of report or term paper based on the experience. May be taken twice for a total of 6 cr.  

prereq: qualified Jr/Sr.  
hrs TBA  
3-6 cr.

**JS 40000 - Individual Honors Project**

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required.  

Selected topics and problems in Jewish studies. qualified Jr/Sr, perm instr. or program director  
prereq: 12 cr. in Jewish Studies, perm program director  
3-6 hrs  
3-6 cr.

**JS 41050 - Jewish Studies Seminar I**

Selected topics and problems in Jewish studies.  

prereq: qualified Jr/Sr, perm instr. or program director  
3 hrs  
3 cr. each

**JS 41051 - Jewish Studies Seminar II**

Selected topics and problems in Jewish studies.  

prereq: qualified Jr/Sr, perm instr. or program director  
3 hrs  
3 cr. each

**POLSC 26400 - Government and Politics of Israel (W)**

**GER**  
3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.  

prereq: ENGL 12000 or its equivalent  
3 hrs  
3 cr.
REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

More Options

Other courses that may be selected to meet this 15-credit requirement are ENGL 38663 (ENGL 38600), The Bible in British and American Literature, ENGL 39058 (ENGL 39000), Literature and Catastrophe (focus on Holocaust Studies), ENGL 39968 (ENGL 39900), Jewish American Literature, HIST 74000, Modern Jewish Social and Intellectual History (see graduate catalog) and HIST 74800, American Jewish History (see graduate catalog).

Note

Up to 6 credits of independent study and fieldwork may be taken with special permission from the program adviser.

Capstone Course (3 credits)

One of the following courses should be taken as a capstone course:

JS 40000 - Individual Honors Project

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required.
Selected topics and problems in Jewish studies. qualified Jr/Sr, perm instr. or program director
prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
3-6 cr.

JS 41050 - Jewish Studies Seminar I

Selected topics and problems in Jewish studies.

prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr. each

JS 41051 - Jewish Studies Seminar II

Selected topics and problems in Jewish studies.

prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr. each

Honors in Jewish Studies

Students will be eligible for honors in Jewish Studies upon completion of 24 credits in Jewish Studies with a 3.5 GPA and a 2.8 cumulative GPA at the time of graduation. To be eligible to graduate with honors in Jewish Studies, students can take the following JS 40000 (Individual Honors Project) or JS 41050/JS 41051 (Jewish Studies Seminar, I or II), HEBR 49100 (Honors Project) or graduate courses with special permission, with a grade of B or better. Eligible students should apply for honors at the time they file for graduation.

Latin - BA

Return to Classical and Oriental Studies

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (36 credits)

24 credits of Latin

LAT 10100 - Beginning Latin 1

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.
3 hrs.
3 cr.
offered fall

LAT 10200 - Beginning Latin 2
LAT 20100 - Ovid's Metamorphoses

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20200 - Roman Biography

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20300 - Vergil's Aeneid

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20400 - Cicero's De Senectute

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 21100 - Latin Reading: Prose

Intermediate-level course in reading Latin prose.

prereq: LAT 10200 or LAT 10700
3 hrs
3 cr.
offered fall

LAT 21200 - Latin Reading: Poetry

Intermediate-level course in reading Latin poetry, usually Virgil or Ovid, in alternating semesters. Offered in the Spring. may be taken twice for credit toward the degree if different authors are read and only with departmental permission. Students who have taken LAT 20100 or LAT 20300 must receive departmental permission to take this course.

prereq: LAT 21100; Not open to students who have taken LAT 20100 or LAT 20300.
3 hrs
3 cr.

LAT 22000 - Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
offered summer

LAT 30200 - Roman Letter

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30300 - Roman Comedy

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30400 - Roman Satire

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30500 - Vergil's Eclogues and Georgics

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30600 - Cicero

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30700 - Lucretius' De Rerum Natura

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30800 - Roman Epic

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30900 - Lyric Poetry of the Golden Age
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31000 - The Roman Novel

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31100 - Elegiac Poets

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31200 - Livy

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31300 - Caesar

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31400 - Tacitus

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 32000 - Topics in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.

prereq: LAT 20100 or 20200 or 20300 or equivalent
3 hrs
3 cr.

LAT 42100 - Independent Study in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.

prereq: LAT 20100 or equiv. and Department Permission
6 credits of GRK including

**GRK 10100 - Beginning Ancient Greek 1**

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.

*offered fall*

**GRK 10200 - Beginning Ancient Greek 2**

Elementary course in grammar, syntax and morphology of Ancient Greek.

*prereq: GRK 10100*

*offered spring*

6 credits of courses with a CLA or CLARC prefix

**Preparation for Teaching in Grades 7-12**

Students interested in a teaching career should consult with the The School of Education about the MA in the teaching of Latin.

**Honors and Tutorials**

CLA 49100 Honors in Classics*

Departmental honors in classics and tutorials are open only to majors.

* Can serve as one of the 3-credit CLA elective courses.

**Courses in Latin**

**LAT 21100 - Latin Reading: Prose**

Intermediate-level course in reading Latin prose. Offered in the Fall.

*prereq: LAT 10200 or LAT 10700*

*offered fall*
LAT 20100 - Ovid's Metamorphoses

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20200 - Roman Biography

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20300 - Vergil's Aeneid

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20400 - Cicero's De Senectute

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 22000 - Medieval Latin

prereq: LAT 11000 or equiv.
3 hrs
3 cr.
offered summer

LAT 30200 - Roman Letter

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30300 - Roman Comedy

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30400 - Roman Satire

prereq: LAT 20100 or equiv.
3 hrs
3 cr.
LAT 30500 - Vergil’s Eclogues and Georgics

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30600 - Cicero

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30700 - Lucretius’ De Rerum Natura

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30800 - Roman Epic

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30900 - Lyric Poetry of the Golden Age

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31000 - The Roman Novel

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31100 - Elegiac Poets

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31200 - Livy

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31300 - Caesar
**LAT 31400 - Tacitus**

*prereq: LAT 20100 or equiv.*

*3 hrs*

*3 cr.*

**LAT 42100 - Independent Study in Latin Literature**

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.

*prereq: LAT 20100 or equiv. and Department Permission*

*3 hrs*

*3 cr.*

**Degree Map**

Degree Map for Latin

**Latin American and Caribbean Studies - BA**

The specialization in Latin American and Caribbean Studies as a major leading to a BA degree consists of 24 credits. The core courses for the major are drawn from the social sciences, humanities, and arts. Following the program's goal of exposing the region's realities from the perspectives of various disciplines, no more than two courses from any single department may count for the 24 major credits. The program recommends that students take a 12-credit minor in one of the associated disciplinary departments. Students select courses for the major in consultation with the program's director or with a member of the Latin American and Caribbean Studies Faculty Advisory Committee. The interdisciplinary specialization of the major will serve graduates well, whether they choose to seek employment in public or private organizations, pursue professional degrees, or go on to a graduate degree in the social sciences or humanities.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

**CR/NC Policy**

No CR/NC grades will be accepted in courses to meet LACS major requirements.

**Courses Required for the Major (24 credits)**
Language Requirement: Latin American and Caribbean Studies majors are required to demonstrate a reading knowledge of Spanish, Portuguese, or French, fulfilled at least one semester before graduation from the college.

LACS students are required to take either LACS 33000 (a field course for students to study or intern in the region or intern in an institution in the New York area) or LACS 43400 (a course that comprises preparation of a major original research paper to be developed in close association with a mentor from the Latin American and Caribbean Studies Faculty Advisory Committee). ENGL 12000 is a prerequisite for program courses.

**LACS 33000 - Latin America and the Caribbean Field Course/Internship**

A field course for students to study in the region or who are interning in an institution either in the New York area or in the region. Major research paper based on field or internship experience.

*3 cr.*

**LACS 43400 - Seminar in Latin American and Caribbean Studies**

Open to sophomores, juniors, and seniors who have completed at least 18 credits in LACS or have instructor permission. Interdisciplinary reading, research, and discussion of selected topics involving cultural, economic, political, and social problems. Research paper required. May be repeated for a maximum of 6 edits.

*3 cr.*

**Course Offerings for LACS**

21 credits from the courses below.

**Africana and Puerto Rican/Latino Courses**

**AFPRL 10200 - Latino Communities in the United States**

**Pluralism and Diversity**
PD/B
GER
2/B

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.

*3 hrs*

*3 cr.*

**AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS
**Pluralism and Diversity**
PD/B
GER
2/B

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans,
Chicanos and Pacific Island peoples in the territorial expansion of the United States.

3 hrs
3 cr.

**AFPRL 21000 - Introduction to Caribbean History: 1900 - Present**

**Hunter Core**
World Culture and Global Issues

**Pluralism and Diversity**

PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 23700 - African Caribbean Literature (W)**

**Pluralism and Diversity**

PD/A or B
GER
2/A

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 24100 - Puerto Rican History to 1897**

**Pluralism and Diversity**

PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.

3 hrs
3 cr.

**AFPRL 24200 - Puerto Rican History Since 1898**

**Pluralism and Diversity**

PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
AFPRL 24300 - Puerto Rican Culture

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.

3 hrs
3 cr.

AFPRL 24400 - Puerto Ricans in the United States

Pluralism and Diversity
PD/B
GER
2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.

3 hrs
3 cr.

AFPRL 25500 - Puerto Rican/Latino Children in North American Schools

Pluralism and Diversity
PD/B
Survey of educational system viewed as an acculturating institution.

3 hrs
3 cr.

AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies

Pluralism and Diversity
PD/A or B
Topics change according to instructor.

3 hrs
3 cr.

AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)

GER
3/B

Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.

prereq: AFPRL 20700 or 21000 or perm instr.
AFPRL 31900 - Women in the African Diaspora (W)

Pluralism and Diversity
PD/B or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

AFPRL 32000 - African-Caribbean Culture (W)

Pluralism and Diversity
PD/A or B
GER
3/A

prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr.

AFPRL 33700 - Caribbean Women Writers (W)

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed WGSA 33700 (W)
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr.

AFPRL 35600 - Latino Literature in English (W)

Pluralism and Diversity
PD/B
GER
3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

Pluralism and Diversity
PD/B
GER
3/B

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States. 
prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr.

AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)

GER
3/A or B

Topics change according to instructor. 
Open to Jr/Sr only.
3 hrs
3 cr.

AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science

Pluralism and Diversity
PD/B
GER
3/A or B

Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course. 
prereq: perm dept.
3 hrs
3 cr.

AFPRL 44500 - Caribbean Short Story in Spanish: Readings and Theories

GER
3/A

A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory. 
prereq or coreq: SPAN 20800
3 hrs
3 cr.

Anthropology
ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

Economics

ECO 33000 - Economic Development

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.

prereq: ECO 20000
3 hrs
3 cr.

History

HIST 27100 - Early History of Latin America

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas.

Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 34122 - Latin American Political Economy

GER
3/B

courses at the 300-level and above not open to freshmen
3 hrs
3 cr.

HIST 34139 - African Influences in the Americas

GER
3/B

Courses at the 300-level and above not open to freshmen
3 hrs
3 cr.

Music
MUSHL 24000 - Music of the Caribbean and Latin America (W)

Pluralism and Diversity
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3 cr.

MUSHL 22100 - Black Music in the Americas (W)

Pluralism and Diversity
PD/B
GER
3/A
The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

Political Science

POLSC 25300 - Government and Politics in Latin America (W)

Pluralism and Diversity
PD/A
GER
3/B
Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.
cross-listed LACS 43405
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 26200 - Government and Politics in Central America (W)

Pluralism and Diversity
PD/A
GER
3/B
Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.
cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 27100 - International Politics in the Americas (W)**

**Pluralism and Diversity**
PD/A
GER
3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.  
*cross-listed* LACS 43432  
*prereq: ENGL 12000 or its equivalent*
3 hrs
3 cr.

**POLSC 28100 - Drugs, Politics and Public Policy (W)**

GER
3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.  
*prereq: ENGL 12000*
3 hrs
3 cr.

**Romance Languages - Spanish**

**SPAN 26400 - Contemporary Spanish Literature in Translation**

Cela, Lorca, Unamuno, Ortega y Gasset.  
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.  
*prereq: ENGL 12000*
3 hrs
3 cr.

**SPAN 27600 - Readings in Modern Spanish- American Literature**

Representative writers: Borges, Neruda, Cortazar, Garcia Mirez.  
*prereq: SPAN 20200, 20300, 20800 21100 or four yrs high school Spanish or dept. perm.*
3 hrs
3 cr.

**SPAN 33600 - Latin American Civilization**

GER
3/A
Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.

*prereq:* SPAN 20800, 21100 or dept. perm

3 hrs

3 cr.

**SPAN 34100 - Introduction to Hispanic Literature I**

Pluralism and Diversity

PD/D

GER

3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.

*prereq or coreq: SPAN 31100 or dept. perm

3 hrs

3 cr.

**SPAN 34200 - Introduction to Hispanic Literature II**

Pluralism and Diversity

PD/D

GER

3/A

*prereq: SPAN 34100

coreq: SPAN 31200

3 hrs

3 cr.

**SPAN 36400 - Spanish-American Modernism and Post-modernism**

GER

3/A

Modernist and post-modernist authors.

*prereq: SPAN 34100

3 hrs

3 cr.

**SPAN 49100 - Honors Course in Spanish: Special Studies in Contemporary Latin American Literature**

Open to Jt/Sr only. Group meetings, conferences, oral and written reports.

*prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser

3 hrs

3 cr.
SOC 30700 - Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.

prereq: SOC 10100
3 hrs
3 cr.

SOC 32502 - Sociology of Human Rights: Violation and Protection

GER
3/B

prereq: SOC 10100, perm instr.
3 hrs
3 cr.

SOC 32506 - Latin American Societies

GER
3/B

prereq: SOC 10100, perm instr.
3 hrs
3 cr.

SOC 32519 - Economic Development and Social Inequality in Latin America

GER
3/B

prereq: SOC 10100, perm instr.
3 hrs
3 cr.

SOC 36100 - Development and Globalization (W)

Pluralism and Diversity
PD/A
GER
3/B

This course will examine the effort of poor countries to achieve economic and social development, and the possible outcomes of that effort. Effects on social relations and the living standards of the poor majority; the purposes of development, the strategies for development that have been adopted, and the theories which attempt to explain why countries do or do not grow economically.
Women and Gender Studies

WGSA 33700 - Caribbean Women Writers (W)

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, colonialization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.

cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr.

WGS 20005 - Dominican and Haitian Literature and Culture

3 hrs
3 cr.

Departmental Honors

LACS majors with a GPA above 3.5 are eligible to receive the Lily Mage Award.

Study Abroad

Study abroad is encouraged for LACS majors. Study-abroad programs are offered through the Education Abroad Programs office at Hunter College.

Mathematics - BA

The major consists of at least 33 credits of coursework: 24-41 credits of core mathematics and statistics courses and 9 credits of advanced elective courses chosen by students according to their career plans. Proficiency in symbolic computation is also required. Modifications are permitted with the consent of the mathematics adviser. With permission of the adviser, a student may take graduate courses in statistics or mathematics. Mathematics majors interested in bioinformatics should refer to the requirements for the Mathematics Major with a Concentration in Quantitative Biology - BA. Upon completion of Math 260, Mathematics Majors interested in the BA/MA program should contact the Graduate Adviser.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter
Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Mathematics major, the courses that meet CCCR are:

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning
GER 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning
GER 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**
Math/Quantitative Reasoning
GER 1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical
Courses Required for the Major

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Calculus Sequence (0-17 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

*4 hrs (2 lec, 2 lab)*

*3 cr.*

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

*2 hrs*

*1 cr.*

**MATH 12550 (STEM) - Precalculus with Workshop**

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

*Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.*

*prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500*

*5 hrs (4 hrs lecture, 1 hr recitation)*

*4 cr.*

**MATH 14000 - Mathematical Reasoning Workshop**
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

*prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.*

2 hrs
1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*

4 hrs
4 cr.

* These courses may be counted for credit in more than one program.

**Required Math Courses (24 Credits)**

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

*prereq: MATH 15000
prereq or coreq: MATH 15500*

2 hrs
1 cr.

**MATH 25000 - Calculus III**

GER
3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**prereq:** MATH 15500, MATH 15600

4 hrs
4 cr.

**MATH 25400 - Ordinary Differential Equations**

**GER**
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

**prereq:** MATH 25000

3 hrs
3 cr.

**MATH 25500 - Vector Analysis**

**GER**
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.

**prereq:** MATH 25000

3 hrs
3 cr.

**MATH 26000 - Linear Algebra**

**GER**
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

**prereq:** MATH 15600
**prereq or coreq:** MATH 25000

4 hrs
4 cr.

**MATH 31100 - Abstract Algebra I**

**GER**
3/B

Introduction to the theory of groups and rings.

**prereq:** MATH 26000

3 hrs
3 cr.

**MATH 35100 - Mathematical Analysis I**
GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

* These courses may be counted for credit in more than one program.

Elective Courses (9 credits)

The student must complete three 3-credit mathematics or statistics courses chosen from the 300-or 400-level courses in mathematics or statistics listed by the department and approved by the undergraduate mathematics adviser. Factors affecting the choice of electives will include the student's career goals (preparation for graduate study; education; careers in business, government service or industry), the student's other major, where applicable, and the availability of courses due to the course rotation schedule.

Symbolic Computation Proficiency Requirement (0-3 credits)

As a requirement for graduation with a BA in Mathematics, students must demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:

a) passing any of
   • MATH 12600 Precalculus Technology Laboratory
   • MATH 15400 An Introduction to Symbolic Computation
   • MATH 38500 Numerical Methods I
b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

*These courses may be counted for credit in more than one program.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.
Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000, STAT 48600, or any 700-level MATH or STAT course and by presenting a major GPA of at least 3.6.

- MATH 49000 Honors Seminar or STAT 48600 Modeling and Visualization

Degree Map

Degree Map for Mathematics BA

Mathematics BA

The major introduces students to the fundamental areas of mathematics and provides some degree of specialization in one or more areas. It trains students in the analytic thinking characteristic of pure and applied mathematics and provides familiarity with rigorous methods of mathematical proof. In addition to the standard Mathematics Major, the department offers a number of specialized undergraduate tracks for students interested in pursuing careers in bioinformatics or in preparing for teaching: the concentration Quantitative Biology, and the concentration Preparation for Childhood Education (Grades 1-6). (See Adolescent Mathematics, Grades 7-12 - BA for Mathematics grades 7-12)

- Mathematics - BA
- Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA
- Mathematics Major with a Concentration in Quantitative Biology - BA

Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA

This concentration constitutes a mathematics major for students in the Quality Urban Elementary School Teacher (QUEST) program. QUEST students majoring in mathematics are not exempt from the MATH 10400 (STEM)/MATH 10500 requirement. To enter this major, the student should have completed one semester of calculus (MATH 15000 (STEM) or the equivalent). The specified collateral major is Childhood Education. This mathematics major consists of at least 32 credits of coursework: 20 credits of major core curriculum courses and at least 12 additional credits, as described below. The student should consult the School of Education for the sequence of teacher education courses in the Childhood Education (QUEST) major.

Major Core Curriculum (20 credits)

MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.

prereq: MATH 15000
2 hrs
1 cr.
MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.
prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

Additional Required Courses (at least 12 credits)

STAT 21200 - Discrete Probability

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.

3 hrs
3 cr.

STAT 22000 - Statistical Analysis in Forensics

GER
3/B

A second course in probability and statistics and the evaluation of evidence in the forensic sciences.

prereq: STAT 21200 and either STAT 21300 or 11300 by permission of instructor. One of the above, i.e., STAT 21200 or STAT 21300 or STAT 11300 by permission of instructor may be taken as a coreq.

3 hrs
3 cr.

- Two additional courses approved by a departmental adviser

Mathematics Major with a Concentration in Quantitative Biology - BA

This program is for students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the
pharmaceutical industry, and the biotechnology industry. Students interested in this concentration in the mathematics major should consult the BioInformatics adviser.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Mathematics major with a concentration in Quantitative Biology, the courses that meet CCCR are:

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*

4 hrs
4 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*

4 hrs
4 cr.
**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*

3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major (63-80 credits)**

**Core Courses (30-47 credits)**

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

**Calculus Sequence (0-17 credits)**

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)
3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**
Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.
Required Math Courses (30 credits)

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

*prereq: MATH 15000*

*prereq or coreq: MATH 15500*

2 hrs

1 cr.

**MATH 25000 - Calculus III**

**GER**

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

*prereq: MATH 15500, MATH 15600*

4 hrs

4 cr.

**MATH 25400 - Ordinary Differential Equations**

**GER**

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

*prereq: MATH 25000*

3 hrs

3 cr.

**MATH 25500 - Vector Analysis**

**GER**

3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.

*prereq: MATH 25000*

3 hrs

3 cr.

**MATH 26000 - Linear Algebra**

**GER**

3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

*prereq: MATH 15600*

*prereq or coreq: MATH 25000*
MATH 31100 - Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr.

MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

STAT 31100 - Probability Theory

GER
3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr.

STAT 31900 - Bayesian Statistical Inference in the Sciences

**prereq:** MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).

**Prerequisites waived for students who have passed STAT 311.**

Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

**3 hrs**

**3 cr**

**Note:** The symbolic proficiency requirement is met by taking STAT 31900

### Additional Required Courses (33 credits)

#### CSCI 13200 - Practical UNIX and Programming, with Lab

**Hunter Core**  
Scientific World (SW)  
GER  
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.

**prereq:** none

**3 hrs**

**3 cr.**

#### CSCI 23200 - Relational Databases and SQL Programming, with Lab

**GER**  
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

**prereq:** CSCI 12700 or CSCI 13200

**3 hrs**

**3 cr.**

#### CHEM 10200 (STEM) - General Chemistry I

**Hunter Core**  
Scientific World (SW); Life and Physical Sciences (LPS)  
GER  
2/E
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500*

5 hrs (4 lec, 1 rec)

4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)

**GER**

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better*

5 hrs (4 lec, 1 rec)

4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**

GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200*

*coreq: CHEM 10400*

6 hrs

3 cr.

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 10400 with a grade of C or better*

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

<table>
<thead>
<tr>
<th>7 hrs (3 lec, 3 lab, 1 disc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5 cr.</td>
</tr>
<tr>
<td><strong>spring only</strong></td>
</tr>
</tbody>
</table>

**BIOL 20300 - Molecular Biology and Genetics**

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

**prereq:** Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.

(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)

**coreq:** CHEM 22200, 22300 or perm instr.

<table>
<thead>
<tr>
<th>7 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5 cr.</td>
</tr>
<tr>
<td><strong>spring only</strong></td>
</tr>
</tbody>
</table>

**BIOL 42500 - Computational Molecular Biology**

**GER**

| 3/B |

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of *in silico* biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

**prereq:** BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

<table>
<thead>
<tr>
<th>3 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 cr.</td>
</tr>
</tbody>
</table>

**Note**
*These courses may be counted for credit in more than one program.

**Honors**

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000 or STAT 48600, by presenting a major GPA of at least 3.6 and by achieving a satisfactory rating on a comprehensive examination.

- MATH 49000 Honors Seminar or STAT 48600 Modeling and Visualization

**Degree Map for Mathematics: Quantitative Biology**

**Media Studies -BA**

The Department of Film and Media Studies major in Media Studies combines critical media analysis with creative practice using a mix of contemporary media forms (video, animation, digital imaging and graphics, web and interactive production). Students are encouraged to develop a creative voice that is socially aware and engaged and can find expression across a range of contemporary media technologies. Leading scholars in history, aesthetics, media policy, critical theory and alternative and international practices provide students with a broad base in analytical thinking. Courses deal with subjects such as the history and aesthetics of film, video, television and new media; genre studies; the history, production and distribution of print and broadcast news; media representations of race, class and gender; and the intricate relationships among the mass media, popular culture and society. The department's production courses encourage students to work creatively in a variety of existing and emerging media forms. Courses include narrative film production (including screenwriting and directing), documentary production, television production, journalism and emerging media (including web design, animation, physical computing and game programming). The department is distinguished by award-winning faculty who are active in their respective fields.

The major is composed of required and elective courses in media analysis and production for a total of 36 credits. The Department offers a General Media Studies Major or students may elect to major in an area of concentration. The concentrations are Media Analysis and Criticism, Documentary and Television Production, Journalism, and Emerging Media. Just as with the General Media Studies Major each concentration is 36 credits, however the curriculum has been tailored to help the student develop greater specialization in the area of concentration.

**Hunter Core Requirement**

Hunter Core Requirement Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCCR are:

- Courses CUNY Common Core Requirement
- MEDIA 18000 Introduction to Media Studies

**Major (36 cr)**
The major must be declared in with an undergraduate media studies adviser. (see department website for adviser 
schedules http://fm.hunter.cuny.edu/). Students will be able to do a Media Studies BA: General Media Studies 
Major but may choose one of the concentrations in the major. These concentrations are:

- Media Studies BA: Concentration in Media Analysis and Criticism
- Media Studies BA: Concentration in Documentary and Television Production
- Media Studies BA: Concentration in Journalism
- Media Studies BA: Concentration in Emerging Media

However, these concentrations are optional; as long as they satisfy the General Media Studies Major requirements, 
students may combine courses from different concentrations. Students majoring in Media Studies must take the 
following introductory courses. These courses count toward the major.

- MEDIA 18000
- FILMP 15000/MEDP 15000
- FILMP 16000/MEDP 16000

A maximum of 6 credits in FILM or FILMP courses at the 200- or 300-level may be applied toward the major in 
Media Studies. Students must meet any prerequisites for these courses. Courses in Independent Study, Honors Project, 
and Internship do not count toward the major. Students must consult a program adviser to plan choice and sequence of 
courses.

Double Majors

Students may choose to complete a major in the Department of Film and Media Studies and a second major in another 
department. A student cannot declare a double major in Film and Media Studies. Because of the intensive nature of the 
production courses in both Film and Media Studies, it is strongly recommended that all students take no more than two 
production courses per semester.

Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major 
courses and a 3.0 grade point average overall. The student must also either complete an Honors Project FILM 40200 or 
MEDIA 40200, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400-level 
production or analytical seminar course with a grade of A. See the department for more information.

Media Studies BA: Concentration in Documentary and Television Production

Return to Media Studies -BA

This concentration is intended to give students foundational knowledge in the theory and practice of linear non-fiction 
video and related digital media skills. Students in this concentration will also specialize in one of three advanced areas: 
Documentary Production, Experimental Media Production or Studio Television Production.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core 
Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose 
courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details
on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Media Studies major, the course that meets CCCR is:

**MEDIA 21100 - News Literacy in a Digital Age**

**Hunter Core**  
English Comp (EC)  

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

*prereq: ENGL 12000*  
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)  
3 cr.

**Courses Required for the Major (36 credits)**

**A. Introductory Courses (9 cr.)**

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**  
Individual & Society - Humanities (I&S H)  
GER  
2/C  

Social, political, and economic factors that determine and shape products of media organizations.  
3 hrs  
3 cr.

**MEDP 15000 - Media and Film in a Digital Age Pt. 1**

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

*cross-listed FILMP 15000*  
*prereq or coreq: MEDIA 18000, FILM 10100*  
4 hrs  
3 cr.

**MEDP 16000 - Media and Film in a Digital Age Pt. 2**

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.

*cross-listed FILMP 16000*  
*prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)*  
4 hrs  
3 cr.
FILMP 15000 - Media & Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.

cross-listed MEDP 15000
prereq or coreq: MEDIA 18000, FILM 10100

3 cr
4 hrs

FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)

4 hrs
3 cr

B. Required Production Courses (9 cr.)

MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.

Material Fee: $20
prereq: MEDP/FILMP 16000

3 hrs
3 cr.

MEDPL 29000 - Developing Non-Fiction Media (W)

This class guides students through the research, writing and production planning essential for creating a non-fiction film, video or podcast.

prereq: MEDIA 18000 and MEDP 16000 or FILMP 16000

3 hrs
3 cr.

MEDP 31100 - Documentary Video Production 2

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.

Material Fee: $20
prereq: MEDP 28100 or FILMP 35200
prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

4 hrs
3 cr.

C. Elective Production Courses (9 cr.)
These may be any regular 200- or 300-level MEDP or MEDPL courses. Any regular 200- or 300-level FILMP and FILPL courses course counts toward this requirement as well, though students may only count up to 6 credits total of FILM, FILMP or FILPL classes toward the major.

D. Required Analytical Course (3 cr.)

MEDIA 31500 - Nonfiction Film and Video

GER
3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
4 hrs
3 cr.

E. Elective Analytical Courses (6 cr.)

Two regular analytical courses may be chosen from any analytical offering, however it is strongly recommended that students consider analytical courses in relation to their area of production.

Degree Map for Media Studies: Documentary Production

Degree Map for Media Studies: Documentary Production

Media Studies BA: Concentration in Emerging Media

Return to Media Studies -BA

The Emerging Media concentration gives students foundational knowledge in the theory and practice of digital media as a creative and investigative form of production. Students in this concentration may elect to specialize in various areas of production including Web Production, Interactive Media Production and 3D Imaging Production or may elect a broad curriculum of study from the Emerging Media courses. The curriculum interweaves technical instruction with aesthetic, communicative and cultural production and research to help a student establish a cohesive portfolio in new media.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Emerging Media Concentration, the course that meets CCCR is:

MEDIA 18000 - Introduction to Media Studies
Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

Courses Required for the Major (36 credits)

A. Introductory Courses (9 cr.)

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

cross-listed FILMP 15000
prereq or coreq: MEDIA 18000, FILM 10100
4 hrs
3 cr.

MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.

cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr.

*This course may be counted for credit in more than one program.

FILMP 15000 - Media & Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.

cross-listed MEDP 15000
prereq or coreq: MEDIA 18000, FILM 10100
FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000

prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)

3 cr
4 hrs

B. Required Production Courses

Select 4 from the list below for 12 credits:

MEDP 23400 - Creative Code

This course explores the expressive potential of computer programming in media production and provides a theoretical framework for interdisciplinary artistic practices that use generative systems in their creation including drawing, poetry, music, and video production.

prereq: MEDP 15000

3 hrs
3 cr.

MEDP 25000 - Digital Design and Usability

This course introduces students to the fundamentals of 2D design and interaction design for digital media. The class approaches the subject from a creative and conceptual perspective. Students choose which digital production tools are most effective to address specific creative design problems.

prereq: MEDP/FILMP 15000

3 hrs.
3 cr.

MEDP 26000 - Introduction to 2D Animation

This hands-on class is an introduction to animation using 2D digital tools. Historical precursors to digital animation including experimental and animated film as well as contemporary animation will be screened. Class time will consist of screenings, in-class demonstration, production and critique.

prereq: MEDIA 18000, MEDP 15000, MEDP 16000

4 hrs.
3 cr.

MEDP 26200 - Motion Graphics

This course provides a practical introduction to the creative possibilities of producing computer-generated motion graphics. Temporal development is the core of many digital arts, which include video, digital animation, music, web-
casting and new media performance. This course explores the theory and application of motion graphics that are created, processed, and then re-presented in time.

**prereq:** MEDP 15000, FILMP 16000/MEDP 16000, MEDP 26000  
3 hrs  
3 cr.

**MEDP 28100 - Documentary Video Production I**

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.  
Material Fee: $20  
**prereq:** MEDP/FILMP 16000  
3 hrs  
3 cr.

**MEDP 28500 - Web Production I**

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.

**prereq:** MEDP/FILMP 15000  
3 hrs  
3 cr.

- MEDP 31600 Experiemental Production

**MEDP 33100 - Web Production II**

An exploration of the production of Internet-distributed media, especially animation, sound, and video, using GIF Animation, Flash, and sound tools.

**prereq:** MEDP 28500  
3 hrs  
3 cr.

**MEDP 34100 - Web Programming**

Advanced programming skills for website design. Dynamic content development explored through state of the art programming languages for the creation of interactive web sites. Students will create web pages that utilize the most current techniques in web development. The curriculum in this class emphasizes an integrated and creative approach to web programming, including detailed instruction and practice in the technical aspects. It is designed to give students a basic introduction to the tools and techniques used by web programmers.

**prereq:** MEDP 23400 and MEDP 33100  
3 hrs  
3 cr.

**MEDP 34500 - Web Design Projects**

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.
MEDP 34900 - Introduction to Physical Computing

This course is intended to introduce students to programming and off-screen media. Some time will be spent producing screen based visual and interactive art, but most of our semester will be dedicated to hardware hacking and the Arduino. Theoretical readings will be assigned throughout and students are expected to respond thoughtfully in text and media.

*prereq: MEDP 33100 or perm instr.*
3 hrs
3 cr.

MEDP 35500 - Physical Computing: Interactive Installation

A hands-on course focusing on the current state of interactive media in a collaborative environment. Students will create projects integrating video, sound and text exploring design concepts and using sensors for real-time interactivity. Material Fee: $20
*prereq: MEDP 15000, MEDP 16000, FILMP 16000, MEDP 23400*
3 hrs
3 cr.

MEDP 36000 - 3D Animation and Modeling

This hands-on production course will examine concepts and practices that form the basis of 3D animation for video, graphic novels, filmmaking, and net based art.

*prereq: MEDP 25000, MEDP 26000*
3 hrs.
3 cr.

MEDP 36500 - 3D Virtual Environments

This course is an introduction to skills and creative approaches for the development of computer-generated 3D interactive virtual environments. Students will develop 3D virtual environments using standard 3D game design techniques and technologies. This class approaches the subject from both a technical and creative perspective. It gives students an introduction to the tools and techniques used to design 3D computer games and how those processes may be applied to create artistically focused work.

*prereq: MEDP 36000*
3 hrs.
3 cr.

MEDP 37000 - Game Programming I

This course serves as an introduction to game design in the Unity 3D game engine. It will also serve as an introduction to programming in C#. 2D Games will be created using sprites made in Photoshop or another image editor. 3D games will use assets created in Maya, an alternate 3D modeling tool, or basic geometry. The course will cover game design
principles with a strong emphasis on learning the cycle of prototyping, playtesting, iterative design and publishing. The end goal will be to create a portfolio-ready final piece. Library research is not expected for this course. This course is focusing on the procedural thinking, aesthetic expression and critical thinking needed for game programming, therefore it will not require extensive written papers.

*prereq or coreq: MEDP 15000, FILMP 16000/MEDP 16000, MEDP 23400, MEDP 25000*

3 hrs.
3 cr.

**MEDP 37100 - Game Programming II**

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of game development tools and approaches while exploring a variety of theoretical, social, and other aspects of modern game culture. We will learn how to program controller input, create graphical output, develop environmental rules and follow debugging best practices. Throughout the course, we will look critically at large budget, experimental games and mobile games, and explore concepts like procedural rhetoric and player agency. The class will use easy-to-learn, industry standard programming environments like p5.js or Processing.

*prereq or coreq: MEDP 15000, FILMP/MEDP 16000, MEDP 23400, MEDP 25000, MEDP 37000*

3 hrs.
3 cr.

**MEDP 39900 - Special Topics in Advanced Media Production**

Taught periodically, with topic listed in Schedule of Classes.

*prereq: MEDIA 18000, others variable*

3 hrs.
3 cr.

**MEDP 36200 - Information Graphics**

This is a lab-based design course in which students create, develop and produce information graphics while learning information design principles. The class will introduce thinkers and artists from various fields. We will look at a mix of contemporary and historical methodologies, analyze a variety of visual design approaches and examine critical texts on data visualization. Students will be expected to learn how to use both raster and vector software packages used in graphic production. Assigned projects will incorporate techniques and ideas covered in class.

*prereq: This course should be available as an option to count towards Required Production Credit within the Emerging Media concentration.*

3 hrs.
3 cr.

C. Elective Production Courses (6 cr.)

These may be any regular 200- or 300-level MEDP or MEDPL courses including those from the list of required courses (see B. above.) Any regular 200- or 300-level FILMP or FILPL course counts toward this requirement as well, though students may only count up to 6 credits total of FILM, FILMP or FILPL classes toward the major.

D. Elective Analytical Courses (9 cr.)

Three analytical courses may be chosen from any analytical offering; however it is strongly recommended that students consider analytical courses in relation to their area of production.
The journalism concentration offers a liberal arts approach to the study and production of multimedia news. Students will learn to gather information through observation, interviews, and research and to communicate it through clear and compelling writing enhanced by photography, video, audio, and interactive features. In addition to a toolkit for newsgathering and story production, students will learn how to be more critical news consumers and their own fact checkers through courses that offer a critical analysis of news and media.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Media Studies major, the course that meets CCCR is:

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**

Individual & Society - Humanities (I&S H)

**GER**

2/C

Social, political, and economic factors that determine and shape products of media organizations.

**3 hrs**

**3 cr.**

**MEDIA 21100 - News Literacy in a Digital Age**

**Hunter Core**

English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

*prereq: ENGL 12000*

**3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)**

**3 cr.**

**Courses Required for the Major (36 credits)**

**A. Introductory Courses (12 cr.)**
MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

cross-listed FILMP 15000
prereq or coreq: MEDIA 18000, FILM 10100
4 hrs
3 cr.

MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.

cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr.

MEDIA 21100 - News Literacy in a Digital Age

Hunter Core
English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

*This course may be counted for credit in more than one program.

FILMP 15000 - Media & Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.

cross-listed MEDP 15000
prereq or coreq: MEDIA 18000, FILM 10100
FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

*cross-listed* MEDP 16000

*prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)*

4 hrs

3 cr.

B. Required Production Courses (6 cr.)

**MEDPL 20100 - Reporting and Writing I (W)**

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

*prereq or coreq: MEDIA 18000*

3 hrs

3 cr.

**MEDPL 20200 - Reporting and Writing 2(W)**

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.

*prereq: MEDPL 20100*

3 hrs

3 cr.

C. Elective Production Courses (12 cr.)

Choose Among the courses below (12 cr.):

**MEDPL 23900 - Entertainment Journalism (W)**

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.

*prereq: MEDPL 20100*

3 hrs

3 cr.

**MEDPL 28300 - Visual Storytelling for Journalists**

This course teaches students how to report and produce visual stories, including hard news, features, formal interviews, and live shots.

*prereq: MEDPL 16000 or FILMP 16000, and MEDPL 20200*
MEDPL 28400 - Radio Reporting and Podcasting

This course teaches students how to report and write a variety of news stories and podcasts for a live radio newscast.

prereq: MEDPL 20200
3 hrs
3 cr.

MEDPL 29400 - Magazine Writing (W)

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.

prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 29500 - Online Journalism (W)

This class teaches students to research, pitch, report and write web based stories that include some type of data visualization as well as multimedia elements. Students will also learn how to create a video using that includes text and photos to tell a story and use social media to research news stories.

prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 29600 - Feature Writing (W)

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.

prereq: MEDPL 20100
3 hrs
3 cr

MEDPL 29700 - Data Journalism: Telling Stories with Numbers

This course covers the fundamentals of data journalism reporting and visual storytelling using emerging techniques and tools. Students will learn to work with data and basic design to uncover and illustrate news trends and tell interactive data-driven news stories.

prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 37200 - Investigative Reporting (W)

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.

prereq: MEDPL 20100
3 hrs
3 cr.
MEDPL 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.

prereq: MEDIA 18000 and MEDPL 20100
3 hrs
3 cr.

MEDPL 38700 - Mobile Journalism

This course covers the fundamentals of reporting and visual storytelling on current and emerging mobile platforms using a smartphone.

prereq: MEDPL 20200
3 hrs
3 cr.

MEDPL 38800 - Studio News Production

This course teaches students how to collectively produce and present a live newscast, Hunter News Now, on deadline and how to create news content relevant to a Hunter College audience. Students may take this course twice for credit.

prereq or coreq: MEDPL 28300
3 hrs
3 cr.

• MEDP 39903 Urban Environmental and Health Journalism

MEDIA 37300 - Journalism as Literature

GER
3/A

An examination of the relationships between journalism and literature, including literary journalism, the journalistic prose of major imaginative writers, and the stylistic characteristics of hard news reporting.

prereq: MEDIA 18000
3 hrs
3 cr.

E. Elective Analytical Courses (6 cr.)

Analytical courses may be chosen from any analytical offering; however, it is strongly recommended that students consider analytical courses in relation to their area of production.

Media Studies BA: Concentration in Media Analysis and Criticism

Return to Media Studies -BA
The media analysis concentration develops critical thinking in students and offers an in-depth understanding of the field of media studies. It includes the study of Media Representations.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Media Studies major, the course that meets CCC is:

MEDIA 21100 - News Literacy in a Digital Age

Hunter Core

English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000

3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)

3 cr.

Courses Required for the Major (36 credits)

A. Introductory Courses (9 cr.)

MEDIA 18000 - Introduction to Media Studies

Hunter Core

Individual & Society - Humanities (I&S H)

GER

2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs

3 cr.

FILMP 15000 - Media & Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.

cross-listed MEDP 15000

prereq or coreq: MEDIA 18000, FILM 10100

3 cr

4 hrs

FILMP 16000 - Media & Film in a Digital Age Pt. 2
The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000

prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)

4 hrs
3 cr

B. Required Analytical Courses (18 cr):

Analytical courses in 2 categories, as outlined below. Some courses are listed in more than 1 place, but each course fulfills a requirement in just 1 category. (Students may not double count a course.)

1. Media Representations (9 credits from the following)

MEDIA 27100 - Television Culture

GER
3/A

Theoretical analysis of the production and reception of televisual texts, with close reading of particular texts.

prereq: MEDIA 18000

3 hrs
3 cr.

MEDIA 29853 - The Horror Film

GER
3/A

A historically informed exploration of the international horror film genre in cultural context. Includes a consideration of filmic conventions, marketing practices, and audience reception. We will explore cultural fears, and how art and industry manage to express and profit from those fears.

prereq: MEDIA 18000 or FILM 10100

3 hrs
3 cr.

MEDIA 31500 - Nonfiction Film and Video

GER
3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.

MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

prereq: MEDIA 18000

4 hrs
3 cr.

MEDIA 32600 - America in American Film and Video
Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.

**MEDIA 22700 - Representations of Race and Ethnicity in U.S. Media**

*Pluralism and Diversity*  
*PD/B*  
*GER*  
*3/A*

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism; and other forms of American popular culture.

**MEDIA 33200 - Myths and Images in the Media**

*GER*  
*3/A*

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.

**MEDIA 37400 - Media, Sports, and Society**

*GER*  
*3/A*

Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.

**MEDIA 28400 - Women and Media**

*Pluralism and Diversity*  
*PD/C*  
*GER*  
*3/A*

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in
America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.

**cross-listed WGS 38400 (W)**

**prereq:** MEDIA 18000

3 hrs

3 cr.

**MEDIA 39700 - Fandom and Television**

**GER**

3/A

This course explores the historical and cross-cultural development of “cult” television, from cancelled programs whose narratives are kept alive by audience fandom, to the mainstreaming of cult audience behavior for high-rated programs today. This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by fan audiences, to the mainstreaming of cult audience behavior for high-rated programs today.

**prereq:** MEDIA 27100

3 hrs

3 cr.

**MEDIA 39800 - Complex Television Narratives (W)**

This course examines the historical emergence and characteristics of long-term arc-driven TV serials. Emphasis will be on the narrative strategies and formal features of dramatic serials, with some attention to complex comedies. This course falls under the Media Analysis and Criticism concentration of the Media major.

**prereq:** MEDIA 27100 (Television Culture, previously MEDIA 37100) or MEDIA 37100 or MEDIA 39700 (Cult Television Theory and Audiences) or Permission of instructor

3 hrs

3 cr.

**MEDIA 39900 - Advanced Topics in Media Studies**

**GER**

3/A

Taught periodically, with topic listed in Schedule of Classes.

**prereq:** MEDIA 18000, others variable

3 hrs

3 cr.

(This topics courses under the MEDIA 39900 Advanced Topics in Media Studies umbrella can fulfill the Representations Area: MEDIA 39931 Women and Television.)

**MEDIA 28000 - Radio, Television and Podcasting**

**GER**

3/A

The convergence of media, communications technologies, art, design, and culture. It is intended to familiarize students with important approaches in new media, focusing on the history of the medium and the conceptual history of interactivity in art and communication.

**prereq:** MEDIA 18000
MEDIA 29600 - Topics in LGBTQ Film and Media

Pluralism and Diversity
PD/C
An examination of various film and media topics as they relate to lesbian, gay, transgender and queer issues. May be repeated for credit under a different topic.

cross-listed FILM 22300
prereq: FILM 10100 -or- MEDIA 18000
4 hrs
3 cr.

2. Media Industries, and Politics (9 credits from the following)

MEDIA 26000 - Internet and Society

GER
3/A
The Impact of the Internet on American and global society.

prereq: MEDIA 18000 or permission of instr.
3 hrs
3 cr.

MEDIA 36500 - Digital Copyright

GER
3/A
An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-to-peer trading, digital rights management, and third party liability for information service providers.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 37400 - Media, Sports, and Society

GER
3/A
Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.

prereq: MEDIA 18000
MEDIA 38300 - Popular Music and the Music Industry

GER
3/A

Exploration of social and cultural significance of popular music; history, structure, and economics of music industry. Particular emphasis on popular music from fifties to present.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39400 - Media and Law in the Digital Age

GER
3/A

This course focuses on how legislative actions and judicial decisions have affected the dissemination of ideas, information and images in American society via print, electronic transmission and new forms of emerging media. Among the topics considered are libel, privacy rights, government data access, copyright, and freedom of expression in the digital age.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39600 - Global Communication

GER
3/A

This course explores international media—its history and organization and how it shapes the culture and behavior of people around the world. It considers the workings of key international media industries such as global news, film, the TV and music industries, telecommunications and the Internet. The course also addresses the impact of American media around the world and competing media industries in other countries. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 21100 - News Literacy in a Digital Age

Hunter Core
English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
MEDIA 38100 - Propaganda and the Mass Media

GER
3/A

Study of mass media (broadcast, film, print) as forms for propaganda.
*prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 28000 - Radio, Television and Podcasting

GER
3/A

The convergence of media, communications technologies, art, design, and culture. It is intended to familiarize students with important approaches in new media, focusing on the history of the medium and the conceptual history of interactivity in art and communication.
*prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 27500 - Media and Politics

GER
3/A

The impact of the electronic media on American politics.
*prereq: MEDIA 18000
3 hrs
3 cr.

Degree Map for Media Analysis and Criticism

Degree Map for Media Studies: Media, Analysis & Criticism

Media Studies BA: General Media Studies Major

Return to Media Studies -BA

Hunter Core Requirement

Hunter Core Requirement Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's
advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCCR are:

- Courses CUNY Common Core Requirement
- MEDIA 18000 Individual & Society &nbsp;

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**
Individual & Society - Humanities (I&S H)
**GER**
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

Courses Required for the Major (36 credits)

A. Required Introductory Courses (9 cr.)

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**
Individual & Society - Humanities (I&S H)
**GER**
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

**MEDP 15000 - Media and Film in a Digital Age Pt. 1**

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

cross-listed FILMP 15000
prereq or coreq: MEDIA 18000, FILM 10100
4 hrs
3 cr.

**FILMP 16000 - Media & Film in a Digital Age Pt. 2**

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000
B. Required Analytical Courses (9 cr.)

Students must take at least 9 credits of analytical courses. Any 200- and 300-level MEDIA courses may be used to meet this requirement. Any 200- or 300-level FILM course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP or FILPL classes toward the major. MEDP, MEDPL, FILMP and FILPL courses do not count toward the analytical requirement.

C. Elective Analytical or Production Courses (18 cr.)

Students must take an additional 18 credits of analytical and/or production courses. These may be any 200- or 300-level MEDIA or MEDP or MEDPL courses. Any 200- or 300-level FILM or FILMP or FILPL course counts toward this requirement as well, though students may only count up to 6 credits total of FILM, FILMP or FILPL classes toward the major.

Degree Map for General Media Studies BA

Degree Map for Media Studies BA: General Media Studies Major

Music 25-Credit Major - BA

This degree is designed for students who want to study music in the context of a general liberal arts education, but who do not plan to pursue careers in music. It may also be convenient for students who enter Hunter with a large number of transfer credits in music.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major

Music History

MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

MUSHL 20500 - Music History I

Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
offered fall

MUSHL 20600 - Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

MUSHL 30500 - Music History III (W)

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall

• and any other 3-credit MUSHL course at the 300-level

Music Theory

MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

MUSTH 22100 - Music Theory II
Continuation of MUSTH 22000.

prereq: MUSTH 22000  
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

**MUSTH 23000 - Musicianship I**

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

**MUSTH 23100 - Musicianship II**

Continuation of MUSTH 23000.

prereq: MUSTH 23000  
coreq: MUSTH 22100
3 hrs
2 cr.
offered spring

**Performance:**

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs
1 cr.

**Piano Proficiency Requirement**

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

**Degree Map for Music 25 Credit**

Degree Map for Music 25 Credit

**Music 42-Credit Major - BA**

This degree is designed for students planning to pursue professional careers in music. It provides basic training in all areas of music and serves as a foundation for graduate study of any aspect of the field.
Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR, Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major

Music history:

MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

coreq: MUSHL 20500

prereq or coreq: ENGL 12000

1 hr

1 cr.

offered fall

MUSHL 20500 - Music History I

Pluralism and Diversity

PD/D

For music majors. Survey of the history of music in the European tradition to 1600.

prereq: elementary knowledge of music history and literature, demonstrated by dept. exam

coreq: MUSHL 20100

prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.

3 hrs

3 cr.

offered fall

MUSHL 20600 - Music History II (W)

Pluralism and Diversity

PD/D

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.

prereq: MUSHL 20100, 20500, ENGL 12000

prereq or coreq: MUSTH 22100, 23100

3 hrs

3 cr.

offered spring

MUSHL 30500 - Music History III (W)

Pluralism and Diversity

PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.

prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall
And any other 3-credit MUSHL course at the 300-level

Music theory:

**MUSTH 20100 - Introduction to Music Technology**

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.

prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

**MUSTH 22000 - Music Theory I**

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

**MUSTH 22100 - Music Theory II**

Continuation of MUSTH 22000.

prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

**MUSTH 23000 - Musicianship I**

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

**MUSTH 23100 - Musicianship II**

Continuation of MUSTH 23000.

prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr.
offered spring

**MUSTH 32000 - Music Theory III**

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

*prereq: MUSTH 20100, MUSTH 22100*

*coreq: MUSTH 33000*

3 hrs

3 cr.

offered fall

**MUSTH 33000 - Musicianship III**

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.

*prereq: MUSTH 23100*

*coreq: MUSTH 32000*

3 hrs

2 cr.

offered fall

and any other 3-credit MUSTH course at the 300-level

**Performance:**

2 credits in Individual Instruction

**MUSPF 40100 - Individual Instruction in Instrument or Voice**

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

*prereq: perm dept.*

1 hr

1 cr.

2 credits in large ensembles

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs

1 cr.

**MUSPF 23100 - Hunter Symphony**
Rehearsal and performance of orchestral works. May be taken 8 times.

 prerequisites: audition, perm instr.
3 hrs
1 cr.

2 credits in performance electives

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs
1 cr.

**MUSPF 23100 - Hunter Symphony**

Rehearsal and performance of orchestral works. May be taken 8 times.

 prerequisites: audition, perm instr.
3 hrs
1 cr.

**MUSPF 24900 - Jazz Ensemble**

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.

2 hrs
1 cr.

**MUSPF 25000 - Jazz and Popular Music Combos**

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R & B, Country/Bluegrass, and Jazz. May be taken 6 times.

 prerequisites or coreq: audition, dept. permission required
2 hrs
1 cr.

**MUSPF 25100 - Jazz Vocal Workshop Ensemble**

Jazz performance and improvisation. May be taken 6 times.

 prerequisites: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr.

**MUSPF 35300 - Chamber Singers**

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.

 prerequisites: audition, perm instr.
2 hrs
1 cr.
MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.

*prereq: audition, perm instr.*

2 hrs

1 cr.

MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.

May be taken 4 times.

*coreq: MUSPF 40100 or 43100*

2 hrs

1 cr.

MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.

May be taken 4 times.

*prereq: ENGL 12000*

*coreq: MUSPF 40100 or 43100*

2 hrs

1 cr.

MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42-credit BA music major, the 25-credit BA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.

May be taken 8 times.

*prereq: perm dept.*

1 hr

1 cr.

Electives:

- 4 credits in music courses above the 100-level

Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may
take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

Degree Map

Degree Map for Music 42 Credit

Option in Social Studies within the Geography Major for Adolescent Education Teachers

Return to: Geography - BA

In cooperation with the The School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching social studies in grades 7 – 12. In addition to mandatory course work provided by the School of Education, interested students must complete the course of study outlined below. At least 18 credits of these courses or equivalents must be satisfactorily completed (grade of C or better) before the student enrolls in the social studies methods courses. Refer to the catalog section specific to programs in the The School of Education.

Transfer students who enter Hunter College with more than 90 credits or who will exceed 90 credits in completing the prerequisites for this option in the Geography major, cannot apply for the Adolescent Education program of the School of Education. They may still complete this option within the Geography major but must complete a Master of Arts degree in Adolescent Education before certification as a New York State teacher. While New York State recognizes the regular major in Geography for certification in Childhood Education, students interested in becoming certified as Social Studies-Adolescent Education teachers in New York State must complete this interdisciplinary course of study.

Prerequisites for the Major 9 credits

**HIST 15100 - The United States from the Colonial Era to the Civil War (W)**

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

**HIST 15200 - The United States from the Civil War Era to the Present (W)**

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000
3 hrs
3 cr.

**GEOG 15000 - World Regions in Global Context**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A or D

**GER**
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

*prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

**Requirements for the Major 36 credits**

**ECO 10000 - Introduction to Economics**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS

**GER**
2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings. ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

*prereq: Math/Writing Proficient/Non degree students
3 hrs
3 cr.

**GEOG 24100 - Population Geography (W)**

**Pluralism and Diversity**
PD/B or C

**GER**
Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

GEOG 25100 - Geography of the United States and Canada

GER
2/B

Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges
prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr.

HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/A

GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)

GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

1. Required courses (18 cr.)

**POLSC 11000 - American Government: A Historical Introduction**

Hunter Core
US Experience in its Diversity (USED)

GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

*prereq: ENGL 12000 (or equivalent)*

*prereq or coreq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**ECO 10000 - Introduction to Economics**

Hunter Core
Individual and Society (Social Sciences) -I&S SS

GER
2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.

ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

*prereq: Math/Writing Proficient/Non degree students*

3 hrs
3 cr.

**GEOG 24100 - Population Geography (W)**

Pluralism and Diversity
PD/B or C

GER
3/B
Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the “mechanics” of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

GEOG 25100 - Geography of the United States and Canada

GER
2/B

Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges

prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr.

HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A

GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)

GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world. Courses at the 300-level and above not offered to freshmen.
2. One 3-credit course in cultural anthropology (ANTHC) or Sociology (3 cr)
   - One 3-credit course in cultural anthropology (ANTHC) or Sociology (SOC) selected with approval of the Geography Undergraduate Adviser.

3. Elective Courses in History (6 credits)
   - Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.

4. Elective Courses in Geography (9 credits, at least 6 credits at the 300-level)

   GEOG 27000 - Regional Geography of Mexico, Central America and the Caribbean
   Pluralism and Diversity
   PD/A
   GER
   3/B
   Analysis of relationship of natural environment to economic, social and political life of Mexico, Central America and West Indies.
   3 hrs
   3 cr.

   GEOG 27100 - Regional Geography of South America
   Pluralism and Diversity
   PD/A
   GER
   3/B
   Analysis of relationship of natural environment to economic, social and political life of South America.
   3 hrs
   3 cr.

   GEOG 27500 - Regional Geography of Sub-Saharan Africa
   Pluralism and Diversity
   PD/A
   GER
   3/B
   Analysis of the relationship of natural environment to economic, social and political life of Africa south of Sahara.
   3 hrs
   3 cr.
GEOG 27700 - Regional Geography of East Asia

Pluralism and Diversity
PD/A
GER
3/B

Analysis of East Asia's potentials in terms of natural resources, population, industry and agriculture, with emphasis on China.
3 hrs
3 cr.

GEOG 27800 - Regional Geography of Russia and Central Asia

Pluralism and Diversity
PD/A or D
GER
3/B

Analysis of the relationship of the natural environment to economic, social and political life of Russia, the former Soviet republics of Central Asia and Mongolia.
3 hrs
3 cr.

GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

GER
3/B

Open to Jr/Sr only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr.

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GEOG 34200 - Geography of International Migration and Ethnicity
Pluralism and Diversity
PD/B
GER
3/B
Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.
prereq: GEOG 24100 or perm instr.
3 hrs
3 cr.

GEOG 24700 - Cultural Geography
GER
3/B
This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.
effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr.

GEOG 35700 - Geography of New York City and Vicinity
GER
3/B
An assessment of the role geography has played in the development and the functioning of the NYC Metropolitan Area. The region's physical site and situation, changing land use, population distribution, transportation patterns and environmental concerns. Active fieldwork required. (Alternative field assignments for students who have accessibility challenges documented with the Office of Accessability.)
Open to Jr/Sr only.
prereq: GEOG 10100 or GEOG 15000
3 hrs
3 cr.
Offered fall.

Option in Social Studies within the Geography Major for Childhood Education Teachers

In cooperation with the School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching in grades 1-6. Students may choose to complete the Geography - BA, in addition to successful completion of the QUEST program. Interested students may also choose to complete the course of study outlined below. The option in Social Studies for Childhood Education is available only to students who are accepted into the QUEST program.
Students not accepted to the QUEST program, or students not eligible to apply to the QUEST program, should complete the traditional Geography major outlined above. They must complete a Master of Arts degree in Childhood Education before being certified as a New York State teacher.

**Program Prerequisites (9 credits)**

**HIST 15100 - The United States from the Colonial Era to the Civil War (W)**

- **Hunter Core**
- **GER**
  - 1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000*

3 hrs

3 cr.

**HIST 15200 - The United States from the Civil War Era to the Present (W)**

- **Hunter Core**
- **GER**
  - 1/C or 2/B

American political, social and cultural history from the Civil War to the present. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000*

3 hrs

3 cr.

**GEOG 15000 - World Regions in Global Context**

- **Hunter Core**
- **Pluralism and Diversity**
  - PD/A or D
- **GER**
  - 2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

*prereq: ENGL 12000*

3 hrs
Requirements for the Major (30 credits)

Required Courses (18 credits)

HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)

GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000

3 hrs
3 cr.
GEOG 25100 - Geography of the United States and Canada

GER
2/B

Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges.

_prereq: GEOG 10100 or GEOG 15000 or perm instr._

3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

_prereq: ENGL 12000 (or equivalent)
_prereq or coreq: ENGL 12000 or its equivalent

3 hrs
3 cr.

2. Elective Courses in Geography (6 credits)

Choose any two of the following:

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

_prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
GEOG 34200 - Geography of International Migration and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.
prereq: GEOG 24100 or perm instr.
3 hrs
3 cr.

GEOG 24700 - Cultural Geography

GER
3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr.

GEOG 35700 - Geography of New York City and Vicinity

GER
3/B

An assessment of the role geography has played in the development and the functioning of the NYC Metropolitan Area. The region's physical site and situation, changing land use, population distribution, transportation patterns and environmental concerns. Active fieldwork required. (Alternative field assignments for students who have accessibility challenges documented with the Office of Accessability.)

Open to Jr/Sr only.
prereq: GEOG 10100 or GEOG 15000
3 hrs
3 cr.
Offered fall.

3. Elective Courses in History (6 credits)

Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.
Philosophy - BA

The Philosophy Department offers two concentrations:

1. Philosophy: Standard Concentration
2. Philosophy: Concentration in Philosophy, Politics and Society

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

PHILO 10100 - Introduction to Philosophy

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

Examination of basic philosophical questions through study of selected philosophical classics.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
offered each semester

PHILO 10400 - Introduction to Ethics and Moral Judgment

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

An introduction to theories of ethical reasoning and problems of moral judgment. Different theories of the good life and concepts of rightful conduct, especially regarding one's personal life and contemporary social problems, will be considered.

3 hrs
3 cr.
offered each semester

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C
Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester

PHILO 17000 - Introduction to Logic and Scientific Method

Hunter Core
Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr.

Note
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Advising Services for majors
The Philosophy Department offers extensive advising services to majors, including: guidance for course selection and sequencing and devising a course of study; tracking progress and compliance with college, CUNY, and state regulations; career advice; planning for graduate and professional school applications; and information about special opportunities for philosophy students. Minors may also make use of these services.

Mentoring
Philosophy majors are encouraged to establish a relationship with a faculty mentor of their choice. This relationship can be distinct from the departmental advising relationship.

Honors
To be eligible for graduation with departmental honors in philosophy, a major must have at least a 3.50 GPA in philosophy, at least a 3.0 overall GPA. The student must register for the 3- or 6-credit PHILO 49400, which is taken in addition to and is not part of the 33 credits for the major. The student must write a substantial paper under the direction of a full-time faculty member. To receive departmental honors the completed paper must be submitted to a three-member committee who will judge whether it merits departmental honors. This committee will consist of the director of the student's Honors Tutorial and two other full-time philosophy faculty members appointed by the director.

PHILO 49400 - Honors Tutorial in Philosophy
Open to Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion is one requirement for departmental honors at graduation.
prereq: 3.0 cum GPA and 3.50 major GPA; philosophy majors only, minor with perm instr; two 300-level PHIL courses, one of which may be taken concurrently; perm dept.
3 or 6 cr.
Independent Study

Students may engage in independent study under the supervision of a member of the Philosophy department by receiving permission to take the following.

**PHILO 49200 - Independent Study in Philosophy**

Independent study of philosophical works under faculty supervision.
*prereq: one PHILO course at 300-level, perm instr. (see Program Prerequisites)*
1-6 cr.

**Philosophy: Concentration in Philosophy, Politics and Society**

Courses Required for the Major (33 credits)

One Introductory Course in Philosophy (3 cr.)

Students are encouraged to take:

**PHILO 10600 - Philosophy, Politics and Society**

- Hunter Core
- Individual and Society (Social Science) - I&S SS
- Pluralism and Diversity
- PD/D
- GER
- 2/C

Introduction to social and political philosophy.
*3 hrs
3 cr.*
*offered each semester*

**History of Philosophy (6 cr.)**

**PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)**

- Pluralism and Diversity
- PD/D
- GER
- 3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
*prereq: ENGL 12000 and one previous course in philosophy.*
*3 hrs
3 cr.*

**PHILO 31800 - Revolutions in Modern Philosophy (W)**
Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

prereq: ENGL 12000 and two previous courses in philosophy
3 hrs
3 cr.

Political Philosophy (3 cr.)

PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

Social Philosophy (3 cr.)

One of:

PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25000 - Problems of Ethics and Society (W)
GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.

_prereq: ENGL 12000 and one previous course in philosophy._

3 hrs
3 cr.

PHILO 25500 - Environmental Philosophy (W)

Hunter Core
Individual and Society (Social Sciences) I&S SS
Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.

_prereq: ENGL 12000_

3 hrs
3 cr.

Intensive Study of a major philosopher, preferably concerning their political and/or social ideas (3 cr.)

One of:

PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of 20th-century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.

_prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level_

3 hrs
3 cr.

PHILO 38000 - Major Figures in Philosophy (W)

GER
3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W)
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr

PHILO 39300 - Philosophical Systems

GER
3/A

Study of writings of one or two major philosophers.
prereq: variable (see Program Prerequisites)
3 hrs
3 cr.

Study of Recent Issues in Political and Social Philosophy (3 cr.)

One of:

PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
3 cr.

PHILO 39400 - Philosophical Problems

GER
3/A

Study of one or more major philosophical problems.
prereq: variable (see Program Prerequisites)
Electives (12 cr.)

4 courses on 20000-, 30000-, or 40000-level (but including PHILO 17000, and excluding PHILO 49400), including 2 on 30000- or 40000-level; 2 may be approved non-philosophy courses; 1 recommended on logic (e.g., PHILO 17000 or a suitable substitute such as 20095 Reason and Argument), and 1 recommended on philosophy of gender or race (e.g., PHILO 22600 or PHILO 23000)

Nondepartmental courses to satisfy elective requirement

**AFPRL 40100 - Pan-Africanism**

**GER**

3/B

Seminar traces development of Pan-Africanism through the 20th century.
Not open to freshmen.
prereq: AFPRL 20200 or 20400 or 20600
3 hrs
3 cr.

**AFPRL 40200 - African American Political Thought**

**GER**

3/B

Comparative theorists; methods and ideological currents.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr.

**HIST 33100 - European Culture in the 16th, 17th and 18th Centuries (W)**

**GER**

3/B

The impact of the Reformation, Counter-Reformation, the Scientific Revolution and related movements.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

**HIST 33200 - Modern Culture from the 18th to the 20th Centuries**

**GER**

3/B

From the impact of the Scientific Revolution and the Enlightenment to recent literature, art, religion and science.
European political and social thought.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**POLSC 20100 - Ancient to Early Modern Political Thought (W)**

- **Pluralism and Diversity**
- **PD/D**
- **GER**
- **3/B**

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 20200 - Modern Political Thought (1600-1900) (W)**

- **Pluralism and Diversity**
- **PD/D**
- **GER**
- **3/B**

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 20300 - Political Thought Since 1900 (W)**

- **Pluralism and Diversity**
- **PD/D**
- **GER**
- **3/B**

Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 20400 - Contemporary Issues in Political Theory**

- **GER**
- **3/B**

Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority.

POLSC 20451 Women in Western Political Thought meets PD/D

*prereq: ENGL 12000 or its equivalent*
POLSC 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B

Examines history of political thought from the perspective of gender relations and the treatment of women.
cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 30100 - American Political Thought (W)

GER
3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr.

POLSC 30300 - Democracy and Emergency (W)

GER
3/B

This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.
prereq: ENGL 12000 and one course in Political Theory
4

POLSC 30400 - Contemporary Issues in Political Theory

GER
3/B

Selected topics in political theory.
prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr
3 hrs
3 cr.

POLSC 30500 - Democratic Theory (W)
A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice.

*prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.*

3 hrs
3 cr.

**POLSC 30700 - Theory of Revolution**

GER
3/B

Traditional and modern revolutions. Conditions and objectives of socialist and communist revolutions.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 30900 - Feminist Political Theory (W)**

*Pluralism and Diversity*
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.

*cross-listed WGST 30900 (W)*

*prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.*

3 hrs
3 cr.

**POLSC 31100 - Utopian Theory (W)**

GER
3/B

Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.

*prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.*

3 hrs
3 cr.

**POLSC 31600 - Political Theory of Human Rights (W)**

GER
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

**PUPOL 40000 - Capstone Seminar**

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.

Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.

These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements.

This course is taken at the state of the art Roosevelt House.

**SOC 22100 - Classical Sociological Theory**

**Pluralism and Diversity**

PD/D

GER

3/B

Classical theorists and their contributions.

**prereq:** SOC 10100

3 hrs

3 cr.

**SOC 22300 - Contemporary Sociological Theory (W)**

**GER**

3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.

**prereq:** SOC 10100, SOC 22100, and ENGL 12000

3 hrs

3 cr.

**Elective courses recommended for students with particular interests**

Elective credits should be carefully chosen to focus students' programs on their present interests and future needs. The following courses are recommended for students with particular interests.

**Graduate study in philosophy**

**PHILO 27500 - Symbolic Logic**
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.

cross-listed MATH 27500
3 hrs
3 cr.

PHILO 24400 - Moral Philosophy (W)

Study of selected problems in philosophical ethics and moral psychology.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

Admission to Law School

PHILO 27500 - Symbolic Logic

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.

cross-listed MATH 27500
3 hrs
3 cr.

PHILO 24400 - Moral Philosophy (W)

Study of selected problems in philosophical ethics and moral psychology.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

Careers in Public Administration

PHILO 25000 - Problems of Ethics and Society (W)

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
Careers in Foreign Service

PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

POLSC 31600 - Political Theory of Human Rights (W)

GER
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.

prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

An additional course relating philosophy to international relations

Careers in Social Welfare

PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

SOC 22100 - Classical Sociological Theory

Pluralism and Diversity
PD/D
GER
3/B

Classical theorists and their contributions.

prereq: SOC 10100
SOC 22300 - Contemporary Sociological Theory (W)

GER
3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.

prereq: SOC 10100, SOC 22100, and ENGL 12000
3 hrs
3 cr.

Note:

Certain new, ad hoc, or independent study courses may be taken in partial satisfaction of requirements listed above, if they are approved by the Philosophy, Politics and Society major concentration adviser.

Degree Map

Degree Map for Philosophy, Politics and Society

Philosophy: Standard Concentration

Courses Required for the Major (33 credits)

One of the following (3 cr.)

PHILO 10100 - Introduction to Philosophy

Hunter Core
Individual and Society (Humanities) - I&S H
GER
2/C

Examination of basic philosophical questions through study of selected philosophical classics.

prereq or coreq: ENGL 12000
3 hrs
3 cr.
offered each semester

PHILO 10400 - Introduction to Ethics and Moral Judgment

Hunter Core
Individual and Society (Humanities) - I&S H
GER
2/C
An introduction to theories of ethical reasoning and problems of moral judgment. Different theories of the good life and concepts of rightful conduct, especially regarding one's personal life and contemporary social problems, will be considered.

3 hrs
3 cr.
offered each semester

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester

1. Logic (3 cr.)

PHILO 17000 - Introduction to Logic and Scientific Method

Hunter Core
Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr.

-or-

PHILO 27500 - Symbolic Logic

GER
3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed MATH 27500
3 hrs
3 cr.

2. History of Philosophy (9 cr.)

PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)
Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 31800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
prereq: ENGL 12000 and two previous courses in philosophy
3 hrs
3 cr.

3. Ethics, Politics and Aesthetics (3 cr.)

any course from

PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25800 - Aesthetics (W)

GER
3/A

Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

4. Metaphysics and Epistemology (3 cr.)

any course from

PHILO 36000 - Metaphysics (W)

GER
3/A

Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is: What is reality and how may it be known?
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 36200 - Theory of Knowledge (W)

GER
3/A

Study of origin, structure, methods and foundations of human knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 36400 - Philosophy of Language (W)

GER
3/A
Inquiry into the philosophical significance of language, its structure, meaning, reference and use.  
*prereq: Two courses in philosophy, at least one of which is at the 200 level.*  
3 hrs  
3 cr.  

**PHILO 36600 - Philosophy of Mind (W)**  

**GER**  
3/A  

Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.  
*prereq: Two courses in philosophy, at least one of which is at the 200 level.*  
3 hrs  
3 cr.  

**PHILO 37800 - Philosophy of Biology (W)**  

Philosophical problems of biology, including evolutionary biology, molecular biology and genetics, and neuroscience.  
*prereq: ENGL 12000 and 2 courses in philosophy, at least one at the 200-level*  
3 hrs  
3 cr.  

**PHILO 37900 - Philosophy of Science (W)**  

**GER**  
3/B  

Study of foundations of knowledge in natural and social sciences.  
*prereq: Two courses in philosophy, at least one of which is at the 200 level.*  
3 hrs  
3 cr.  

5. Intensive Study of a Major Philosopher (3 cr.)  

any course from those offered under PHILO 38000 Major Figures in Philosophy (W)  

6. Additional Required Credits (9 cr.)  

Chosen in consultation with an adviser. Students are required to select at least one course (3 cr.) at the 300-level. Also they are encouraged to select courses that acquaint them with philosophic traditions other than the dominant Western ones.  

**Degree Map**  

Degree Map for Philosophy BA  

**Physics - BA**
Our undergraduate curriculum serves undergraduate liberal arts students who seek, by the study of Physics, to acquire critical thinking skills and develop the understanding and problem-solving abilities which are increasingly needed in our technological society. We prepare our undergraduate physics majors for graduate and professional schools or a variety of careers, including teaching, engineering, medicine, computer science, and industrial research and development.

One of the following 2 options (concentrations) may be taken.

- Physics Option 1 (53-72 credits)
- Physics - Option 2 (65-81 credits)

Graduate Study

The Department of Physics and Astronomy offers a number of advanced courses, listed in the graduate catalog, which give credit toward the degree of master of arts. Qualified undergraduate students may be admitted to these courses with the approval of the department chair.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Honors Work

The opportunity for students to do individual research (experimental or theoretical) is offered in courses

**PHYS 45300 - Introduction to Research**

Independent theoretical or experimental research or independent study of approved topic.

*prereq: PHYS 33000, 33400, 33500, and 42700 or perm chair*

1-3 cr.

**PHYS 45400 - Introduction to Research**

Independent theoretical or experimental research or independent study of approved topic.

*prereq: PHYS 45300 or perm chair*

1 to 3 cr.

Articulation Agreement

Articulation Agreement with New York City College of Technology

An agreement is in place for students from New York City College of Technology (CUNY) who successfully complete an associate degree in science in Liberal Arts (LAS) with at least a 2.0 overall grade-point average to be accepted into the Hunter College BA program in Physics. Consult the physics and astronomy department for further information.

**Physics - Option 2 (65-81 credits)**
The Biophysics concentration is recommended for students planning to pursue graduate studies and industrial R&D in biological related areas in physics, chemistry, bioengineering, and material sciences. This concentration is designed to allow the students to gain a solid foundation in physics and biology, together with a specially-designed course in biophysics which demonstrates the disciplinary interface between the two. The concentration requirements consist of courses in physics (27 cr), mathematics (5-22 cr), chemistry (15 cr) and biology (18 cr).

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Physics major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 11100 (STEM)</td>
<td>Life and Physical Sciences (LPS) and Scientific World (SW)</td>
</tr>
<tr>
<td>PHYS 12100 (STEM)</td>
<td>Life and Physical Sciences (LPS) and Scientific World (SW)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (65-81 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Courses in Physics (27 credits)

**PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

*Hunter Core*

Scientific World (SW) Life and Physical Sciences (LPS)

**GER**

2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

*prereq or coreq: coreq (with perm dept.): MATH 15000*

*8 hrs (4 lec, 3 lab, 1 rec)*

5.5 cr.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**
Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

**Prerequisites:**
- PHYS 11000 or 11100
- (with perm dept.): MATH 15500

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

### PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.

**Prerequisites:**
- PHYS 12000 or 12100
- MATH 25000

4 hrs
4 cr.

### PHYS 33400 - Intermediate Electricity and Magnetism

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.

**Prerequisites:**
- PHYS 12000 or 12100
- MATH 25000

4 hrs
4 cr.

### PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws.

**Prerequisites:**
- PHYS 12000 or 12100; MATH 25000

4 hrs
4 cr.

### PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of macromolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.

**Prerequisites:**
- PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.

4 hrs
4 cr.

### Courses in Mathematics (5-22 credits)

### MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 101EN - Algebra for College Students - Enhanced

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

prereq: Department Permission
6 hrs
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

-or-

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B
Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs
4 cr.

-or-

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500

5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

**prereq:** grade of C or better in MATH 15000

4 hrs

4 cr.

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**prereq:** MATH 15000

**prereq or coreq:** MATH 15500

2 hrs

1 cr.

**MATH 25000 - Calculus III**

**GER**

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**prereq:** MATH 15500, MATH 15600

4 hrs

4 cr.

Courses in Chemistry (15 credits)

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**

Scientific World (SW); Life and Physical Sciences (LPS)

**GER**

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

**prereq or coreq:** MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)

4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**

Life and Physical Sciences (LPS) Scientific World (SW)

**GER**

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

Courses in Biology (18 credits)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only
BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

*These courses may be counted for credit in more than one program.
Physic Option 1 (53-72 credits)

Return to Programs and Courses in Physics & Astronomy

For students in the BA/MA program, students intending to teach grades 7-12, and students intending to enter the medical profession.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 11100 (STEM)</td>
<td>Life and Physical Sciences (LPS) and Scientific World (SW)</td>
</tr>
<tr>
<td>PHYS 12100 (STEM)</td>
<td>Life and Physical Sciences (LPS) and Scientific World (SW)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

A. Introductory Math Sequence (0-17 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

*4 hrs (2 lec, 2 lab)*

*3 cr.*

-or-

**MATH 101EN - Algebra for College Students - Enhanced**
Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

\textit{prereq: Department Permission}

6 hrs
3 cr.

\textbf{MATH 10150 - Mastery of Symbolic Computation}

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

\textit{prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.}

2 hrs
1 cr.

\textbf{MATH 12400 (STEM) - College Algebra and Trigonometry}

\textbf{Hunter Core}
Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

\textit{prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.}
\textit{Not open to students who have taken MATH 12500 or MATH 12550.}

4 hrs
4 cr.

-\textbf{or-}

\textbf{MATH 12500 (STEM) - Precalculus}

\textbf{Hunter Core}
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

\textit{prereq: grade of C or better in MATH 10100 or appropriate score on placement exam}

4 hrs
4 cr.

-\textbf{or-}
MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500

5 hrs (4 hrs lecture, 1 hr recitation)

4 cr.

AND

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs

1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs

4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs

4 cr.
B. Introductory Physics: Two Semesters (11 credits)

**PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

**Hunter Core**  
Scientific World (SW) Life and Physical Sciences (LPS)  
GER  
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.  
*prereq or coreq: coreq (with perm dept.): MATH 15000*  
8 hrs (4 lec, 3 lab, 1 rec)  
5.5 cr.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**  
Scientific World (SW); Life and Physical Sciences (LPS)  
GER  
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.  
*prereq: PHYS 11000 or 11100*  
*prereq or coreq: (with perm dept.): MATH 15500*  
8 hrs (4 lec, 3 lab, 1 rec)  
5.5 cr.

C. 22- to 24-credit concentration in physics courses at the 200 level and higher:

**PHYS 22100 - Electronics**

**GER**  
3/B

*prereq: PHYS 12000 or PHYS 12100*  
4 hrs  
4 cr.

**PHYS 33000 - Atomic and Nuclear Physics**

Examines experimental evidence and develops modern view of structure of atom and nucleus.  
*prereq: PHYS 12000 or 12100*  
*prereq or coreq: MATH 25000*  
4 hrs  
4 cr.
PHYS 33400 - Intermediate Electricity and Magnetism

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.

_prereq: PHYS 12000 or 12100
_prereq or coreq: MATH 25000

4 hrs
4 cr.

PHYS 33500 - Intermediate Mechanics

Study of laws of motion and coordinate systems; introduction to powerful analytical techniques.

_prereq: PHYS 12000 or 12100
_prereq or coreq: MATH 25000

4 hrs
4 cr.

Any Three of the following 5 courses:

PHYS 22200 - Electronics Laboratory

GER
3/B

Experiments are performed with passive devices (capacitors, inductors, resistors) and active devices (diodes, transistors). A variety of transistor amplifier and oscillator circuits are studied as well as integrated circuit applications.

_prereq: PHYS 22100

4 hrs
2 cr.

PHYS 23000 - Classical Physics Laboratory

GER
3/B

Selected experiments of mechanics, electricity/magnetism, and thermodynamics. Experiments may include driven oscillator resonance, coupled oscillators, liquid nitrogen heat of vaporization, Fourier analysis/filtering, ferromagnetic hysteresis, and the nonlinear pendulum period. Elementary error analysis techniques and computer software for data analysis/graphing.

_prereq: PHYS 12000 or 12100

4 hrs
2 cr.

PHYS 23500 - Modern Physics Laboratory

GER
3/B

Selected experiments of quantum physics and optics. Experiments may include nuclear half-life, microwave diffraction, Bragg scattering of x-rays, nuclear multichannel scintillation, Franck-Hertz quantum levels, Millikan oil drop. Error analysis techniques including Gauss and Poisson distributions and correlation of data. Programming for data analysis.

_prereq: PHYS 12000 or 12100
PHYS 38500 - Numerical Methods I

Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations. Cross-listed as MATH 38500 and CSCI 38500 so that students in the mathematics and computer science departments can use the course toward the completion of their major requirements.

*prereq:* MATH 25400

PHYS 48500 - Numerical Methods II

Topics in numerical methods selected from solutions of linear equations, interpolating functions, root finding methods, nonlinear equations, Fourier series and the fast Fourier transform, partial differential equations. A major term project will be assigned. Cross-listed as MATH 48500 and CSCI 48500 so that students in the mathematics and computer science departments can use the course toward the completion of their major requirements.

*cross-listed* CSCI 48500 and MATH 48500

*prereq:* PHYS 38500

D. Required Math & Chemistry courses (20 credits)

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

*prereq:* MATH 15000

*prereq or coreq:* MATH 15500

MATH 25000 - Calculus III

GER

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

*prereq:* MATH 15500, MATH 15600

MATH 25400 - Ordinary Differential Equations

GER

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and
numerical methods, introduction to qualitative theory.

*prereq: MATH 25000
3 hrs
3 cr.

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**Pluralism and Diversity**
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

* These courses may be counted for credit in more than one program.

**NOTE:** The chemistry courses may be substituted by one year of high-school-level chemistry. Together, the introductory physics (11 credits) and the Option 1 22-24 credit concentration in physics satisfy the major requirement for initial certification as a teacher of physics in grades 7-12. Option 1, together with the MA (see the Physics - BA/MA ), is recommended for students planning to pursue a PhD in physics.
Preparation for Teaching

The Option 1 major in physics satisfies the requirements for NY State initial certification of at least 30 credits for teachers in adolescent education: physics (grades 7-12). Students planning to become physics teachers at the secondary level should take the 23 credit sequence in secondary education. Students preparing to teach physics are advised to include the following courses or their equivalents in their undergraduate program:

**ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises**

**GER**
2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios. The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.

5 hrs
4 cr.

**GEOL 10000 - Introduction to Geology**

**Hunter Core**
Scientific World (SW)

**GER**
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)
3 cr.

*Offered fall and spring.*

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Degree Map

Degree Map for Physics Option 1

Political Science - BA

Political Science examines political, social, economic, and cultural arrangements through which people govern their lives. Students in political science study the ideas of great thinkers from Plato to the present, democratic and authoritarian political systems, war and peace, international political economy, human rights, gender politics, political parties and elections, social movements, constitutional and international law, and the policies and systems of local and national governments in the United States and in countries around the world. Political science majors go on to variety of careers including in the government, nonprofit organizations, teaching, business, finance, and journalism. Still others pursue law school – more political science majors attend law school than majors from any other department at the college – or some other kind of graduate training.

Hunter Core Requirement

Several courses within this major fulfill parts of the Hunter Core Requirement (CUNY Common Core, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path of the major. Details of the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of political science, the courses that meet CCC are:

POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)

Hunter Core
World Culture and Global Issues (WCGI)

GER
2/B

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.

prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction
Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges or universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

**POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)**

GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

**prereq or coreq: ENGL 12000 or its equivalent**

3 hrs

3 cr.

**POLSC 25000 - Comparing Countries (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A

**GER**
2/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include: Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.

**prereq: ENGL 12000 or equivalent**

3 hrs

3 cr.

**POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)**
Hunter Core
World Culture and Global Issues (WCGI)
GER
3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)

**prereq:** ENGL 12000 or its equivalent
3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core.

Courses Required for the Major (30 credits)

Majors are required to take 30 credits in Political Science, at least one course in each of the four following subfields of the discipline:

1. American Government
2. Political Theory
3. Comparative Politics
4. International Relations

POLSC 29400 courses may not be used to satisfy the 4-subfield requirements.

Majors must complete at least three 300-level courses (from any subfields).

No more than 6 credits in internship, independent study, and/or experiential courses (such as Model United Nations) may be used to satisfy the 30 credits in the major. Also, such credits may not be used to satisfy the distribution requirements in the four fields. Courses taken for Credit/No Credit may not be applied toward the major.

Interdepartmental Fields

Political Science department faculty are actively involved in many interdisciplinary programs at Hunter College. Students who want to do work in political science as part of the following interdepartmental programs should refer to the appropriate programs in this catalog.

- Minor in Asian American Studies
- Human Rights
- Jewish Studies - BA
- Latin American and Caribbean Studies - BA
- Public Policy Certificate
- Women and Gender Studies - BA

Honors
To complete the requirements for departmental honors in Political Science at graduation, students must have at least 30 credits in Political Science and be eligible for graduation in the semester that they formally complete department honors. At least 21 of these credits (or in exceptional cases, 18) must be taken in the Political Science Department at Hunter College. In the case of transfer students, the student's faculty supervisor must recommend an exception to this policy; however, in no case should a student who has taken fewer than 15 credits in academic coursework (excluding internships or other experiential education courses) in political science at Hunter College be recommended for departmental honors.

In addition, students must 1) have a GPA in the major of not less than 3.5; 2) complete two supervision-based courses (POLSC 49100 and POLSC 49200), which focus on the inception and completion of the honors thesis, respectively; and 3) complete POLSC 49300.

The thesis should be a major paper of approximately 25 pages in length that reflects serious scholarship in an honors course. Students should enroll in POLSC 49200 under the supervision of a faculty member with whom the student has done prior coursework and who has agreed to supervise the student's honors project. Students seeking to graduate with departmental honors should begin to plan the sequence of honors work at least two semesters in advance of their expected graduation date.

Approval for Honors will come from the Supervisor. Once students have received the approval of the Sponsor, the thesis can be submitted for departmental honors. Successful completion of departmental honors includes a formal presentation of the thesis to the Honors Committee. Final papers must be deposited in the department office.

**Pi Sigma Alpha**

Students interested in joining this honor society should consult with Professor Leonard Feldman, 1702 Hunter West, (212)396-6246, lfeldman@hunter.cuny.edu.

**Writing Corequisite and Prerequisites**

Introductory, intermediate and advanced political science courses require significant expository writing and ENGL 12000 as a co- or prerequisite. To assure that students are ready for these courses, they should be enrolled in ENGL 12000 (or its equivalent) or have successfully completed the course. For all 100-level courses, ENGL 12000 (or its equivalent) is a prerequisite or co-requisite; for all 200-level, 300-level and 400-level courses, ENGL 12000 (or its equivalent) is a prerequisite.

**Seminar/Internship Program in New York Government**

This university-wide program is designed to bridge the gap between academic study and the practical world of government. Each year approximately 300 students are selected as CUNY interns. Hunter College students participate by enrolling in POLSC 22200/22300. Interns spend eight to ten hours a week in agencies, political offices or community groups working on administrative or research assignments related to urban affairs and services.

They attend a weekly classroom seminar at Hunter and monthly meetings of the entire program at the CUNY Graduate School. Prominent government officials, political leaders, community representatives and academic experts participate in both the weekly and monthly meetings. Students are advised to have taken prior coursework in American politics and to have at least a 3.0 GPA prior to being admitted to this program. For further information, consult the Department of Political Science.

**Other Internships**
Students may wish to consider internships in any field of political science, and receive credit through POLSC 29801-29806. The department does not offer internship credits to students in their first semester at Hunter College or to students who have never taken a political science course at Hunter. Up to 6 credits in internship work (POLSC 29801-29806) may be used to satisfy requirements for the major. As a general rule, a student who takes POLSC 29801-29806 must be supervised by a full-time faculty member with whom the student has done prior coursework and who has agreed to supervise the student’s internship. Additional internship credits may be used as electives toward graduation.

Preparation for Graduate Study

Many political science majors go on to graduate study. Students considering graduate work should consult members of the political science faculty.

Awards and Prizes

The Political Science Department confers recognition on its outstanding graduates through prizes and awards. The Katherine Duffy Prize and the David Haight Memorial Prize are presented annually to graduating political science majors.

Scholarships

The Political Science Department may award the Joan Pincus Scholarship to students majoring in political science who have achieved at least sophomore status, have an excellent academic record and have demonstrated financial need. For additional information, see the department chair or a departmental adviser.

Degree Map

Degree Map for Political Science

Psychology - BA

Courses Required for the Major (43-50 credits)

Psychology is organized around eight (8) tracks grouped within three (3) broad Content Areas.

The major consists of:

1. Introductory courses 6-13 credits
2. Statistics and Experimental 8 credits
3. Content/track focus 21 credits
4. Two science with lab 8 credits

I. Introductory Courses (6-14 credits)

In order to continue in the major, students must complete the Introductory courses in psychology as listed below with a minimum grade of B and a required mathematics course with a minimum grade of C or CR and have a minimum GPA of 2.00. The mathematics requirement may be satisfied by STAT 11300 or MATH 12400 (STEM) or by earning exemption from the mathematics requirement. Based on placement exams or transferred courses, students may place
into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

The major must be declared in person with an Academic Adviser in Psychology. (Refer to http://hunter.cuny.edu/psychology for schedule.) The student must bring his/her Hunter transcript (and where relevant, transcripts from all other colleges attended) when meeting with the adviser to declare a psychology major.

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.*

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs

4 cr.

**PSYCH 10000 - Introduction to Psychology**

**GER**

2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and
their treatment, group processes.

*3 hrs
3 cr.*

**PSYCH 14000 - Psychological Adjustment**

**GER**

2/B

Styles of adjustment; social interaction; self-concept and self-esteem; stress management; alienation; failures of adjustment.

*prereq: PSYC 10000
3 hrs
3 cr.*

II. Statistics and Experimental Psychology - 8 cr.

**PSYCH 24800 - Statistical Methods in Psychological Research**

**GER**

3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

*prereq: PSYC 10000 and any other 3 cr PSYC course, MATH 12400 or 12500 or 12550 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: prerequisite or corequisite: ENGL 12000
4 hrs
4 cr.*

**PSYCH 24900 - Experimental Psychology: Social**

**GER**

3/B

Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYC 249 or 250, but not both.)

Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

*prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade; PSYC 24800 with a minimum grade of C
prereq or coreq: Writing Intensive*
III. Content/track focus 21 credits

The psychology major is organized around three **Content Areas** and their corresponding **Focus Areas**.

The **Content Areas** are

- Biopsychology,
- Cognitive/Developmental Psychology,
- Social/Clinical/Health Psychology.

The **Focus Areas** (tracks) are

- General Psychology
- Animal Behavior
- Physiological Psychology
- Cognitive Psychology
- Developmental Psychology
- Social Psychology
- Clinical Psychology
- Health Psychology

**Content Areas with Corresponding Focus Areas**

- Biopsychology Content Area with Corresponding Focus Areas
- Cognitive/Developmental Psychology Content Area with Corresponding Focus Area
- Social/Clinical/Health Psychology with Corresponding Focus Areas

1. **200-level Courses in Each Content Area - 9 cr.**

Three (3) 200-level courses*, one (1) in each of 3 content areas (Biopsychology, Cognitive/Developmental Psychology, Social/Clinical/Health Psychology).

One of these three courses must be within the student's chosen Area of Focus (Animal Behavior, Physiological Psychology, Cognitive Psychology, Developmental Psychology, Social Psychology, Clinical Psychology, or Health Psychology). Students selecting the "General Psychology" Focus Area must take one 200-level course in each of the three Content Areas.

2. **Two (2) 300-level courses within the chosen Focus Area - 6 cr.**

Note: Students selecting the General Psychology focus area must take two (2) 300-level courses in any area of Psychology (6 cr).

3. **Two (2) electives at the 200 or 300 level - 6 cr**

**IV. Two Science course with Lab - 8 cr**

**Degree Map**
Psychology: Concentration in Behavioral Neuroscience

Purpose

The Behavioral Neuroscience Concentration within Psychology provides interdisciplinary training for students preparing for academic or professional careers in neuroscience-related areas. The concentration brings together students from Psychology and Biology in a set of core courses and offers mentored research experience in faculty laboratories, opportunities for student research presentations and talks by distinguished visiting neuroscientists. The neuroscience concentration is a particularly good option for students who plan to do graduate study in neuroscience or neuroscience-related fields or attend medical school for neurology, neurosurgery, or psychiatry specialties. Because of the large number of required courses in the concentration, it is very important that interested students meet with the concentration adviser as early in their college career as possible—no later than the start of their Sophomore year. The concentration adviser is Prof. Philip Zeigler, ((212) 772-5363; Room 626 Hunter North).

The Concentration has three, equally important components: Stem Courses (Levels 1 and 2), Neuroscience Electives (Level 3), and Mentored Honors research.

Courses Required for the Major (34.5-47.5 credits)

Admission to the program requires completion of the following courses:

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only*

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)

**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**PSYCH 10000 - Introduction to Psychology**

**GER**
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.

3 hrs
3 cr.
PSYCH 22400 - Neuroscience

The aim of this course is to introduce you to the biological and physiological aspect of the science of Psychology. Biopsychology is the subarea of Psychology that takes a biological approach to understanding behavior. Biopsychologists study the biological events - genetic, neural, endocrine- that underlie each and every one of our thoughts, feelings, and actions. This course will explore what is currently known about the biological basis of emotional responses, mental illness, sexual behavior, memory, states of consciousness, sensory perception, thought and language, and several neurological disorders.

prereq: PSYCH 10000 and any other 3 CR PSYCH Course; completion of ENGL 12000 with a minimum grade of C
3 hrs.

3 cr.

PSYCH 24800 - Statistical Methods in Psychological Research

GER

3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12400 or 12500 or 12550 or STAT 11300 with a C or better, or appropriate score on math placement exam

prereq or coreq: prerequisite or corequisite: ENGL 12000
4 hrs

4 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning

GER

1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam

prereq or coreq: prerequisite or corequisite: ENGL 12000
3 hrs

3 cr.

PSYCH 25000 - Experimental Psychology: General
GER 3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000, but not both.)

*prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade; PSYC 24800 with a minimum grade of C
6 hrs (2 lec, 4 lab)
4 cr.

PSYCH 14000 - Psychological Adjustment

GER 2/B

Styles of adjustment; social interaction; self-concept and self-esteem: stress management; alienation; failures of adjustment.

*prereq: PSYC 10000
3 hrs
3 cr.

- Three 200-level courses, one in each of 3 content areas * One of these three courses must be within the students chosen Area of Focus
  Note: Students selecting the "General Psychology" Focus Area must take one 200 level course in each of the three Content Areas
- Two 300 level courses within the chosen Focus Area. Students selecting the General Psychology Focus Area must take two 300 level courses in any area of Psychology (6 cr)

Psychology electives at the 200 or 300 level (6 cr)

BIOL 47100 - Special Topics in Biology

GER 3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

*prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce
bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning

GER
1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

PSYCH 39600 - Honors in Psychology

Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology
is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.

*prereq: ENGL 12000, PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.*

3 hrs
3 cr.

**PSYCH 39800 - Honors in Psychology**

Independent sponsored research and seminar. Attendance at regularly scheduled seminar and research report required. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.

*prereq: PSYCH 39600, perm instr.*

3 hrs
3 cr.

**Electives**

Nine credits from the following (at least 3 must be from Biology)

**BIOL 37000 - Physiology of the Nervous System**

**GER**
3/B

A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.

*prereq: BIOL 30000 or perm instr.*

4 hrs (lec)
4 cr.
.spring only

**BIOL 37600 - Endocrinology**

**GER**
3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.

*prereq: BIOL 20200 or perm instr.*

3 hrs (lec)
3 cr.
.spring only

**BIOL 38000 - Molecular Neurobiology**

**GER**
3/B
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.

**prereq:** BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

**PSYCH 30100 - Sensation and Perception**

**GER**
3/B

Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

**prereq:** ENGL 12000, PSYCH 24900 OR 25000, PSYCH 22400
3 hrs
3 cr.

**PSYCH 30900 - Behavioral Neuroendocrinology**

**Pluralism and Diversity**
PD/C
**GER**
3/B

An overview of how behavior is influenced by differential hormone action and how hormones influence the development and expression of sexually dimorphic behaviors. While a biology background is not required, this course will be a biology-based discussion of behavioral endocrinology.

**prereq:** ENGL 12000, PSYCH 24900 or 25000 and PSYCH 22400
3 hrs
3 cr.

**PSYCH 31600 - Cognitive Neuroscience**

The course will address some of the central issues in contemporary cognitive neuroscience, describe old (clinical studies) and new (brain imaging) sources of information, their limitations and their contributions to our understanding of the neural mechanisms of cognition.

**prereq:** ENGL 12000, PSYCH 24800, PSYCH 24900 or 25000, PSYCH 22400
3 hrs
3 cr.

**PSYCH 32700 - Motivation and Emotion**

**GER**
3/B

The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

**prereq:** ENGL 12000, PSYCH 24900 or 25000; and PSYCH 22400
This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.

prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 30000 or perm instr. and PSYCH 22400

This course focuses on contemporary knowledge and issues in the scholarly literature in a focused area of biological psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

prereq: PSYCH 22400 (Neuroscience) PSYCH 25000 Open only to psychology majors.

Semester I

QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and
research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.

coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr.

QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

coreq: QSTB 20280, QSTP 30000
prereq or coreq: QSTA 40080
2 hrs
2 cr.

QSTP 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

coreq: QSTAP 40180, QSTB 20280
prereq or coreq: QSTAP 40080, HEDP 31400
75 hrs
1 cr.

HEDP 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
HED changed to HEDP - effective Spring 2018 -
coreq: QSTAP 40080
3 hrs
3 cr.

Total ED Credits 11

Fieldwork 75 hours

Semester II

QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
coreq: QSTA 41280, QSTP 30100
2 hrs
2 cr.

QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
coreq: QSTA 41080, QSTP 30100
2 hrs
2 cr.

QSTP 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.
Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

**QSTB 40380 - Social Foundations of Urban Education**

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.

*prereq:* QSTA 40100, QSTB 20200, QSTAB 30000

*coreq:* QSTAP 41080, 41280

75 hrs

1 cr.

**Total ED Credits 8**

**Fieldwork 75 hours**

**Semester III**

**QSTB 41380 - Psychology of Teaching and Learning**

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.

*prereq:* QSTA 41000, 41200, QSTAB 30100

*coreq:* QSTA 40600, QSTF 30200

2 hrs

2 cr.

**QSTA 40680 - Mathematics Teaching and Learning in Elementary School**

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

*prereq:* MATH 10400, 10500, QSTA 41080, 41280, QSTP 30000

*coreq:* QSTB 41380, QSTP 30200

2 hrs

2 cr.
QSTP 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 41080, 41280, QSTP 30100
coreq: QSTAP 40680, QSTB 41380
75 hrs
1 cr.

QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
3 hrs
3 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080

--- or ---

prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200
3
3
Total ED Credits 11
Fieldwork 75 hours
Semester IV

QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their corequisite student teaching in science.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40680, 41080, 41280, QSTP 30100
coreq: QSTAP 41580
2 hrs
2 cr.

QSTAP 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 40680, 40780, QSTB 41380, QSTP 30200, HED 31400
coreq: QSTAP 41480
2 per week of seminar plus student teaching
4 cr.

Total ED Credits 6
Fieldwork 60 days
Total Credits 36

Note(s)

QSTA is a designation for courses offered by the Department of Curriculum and Teaching; QSTB is a designation for courses offered by the Department of Educational Foundations; QSTAB is a designation for fieldwork attached to two courses.
QUEST Six-Semester Sequence for Students Who Enter the Program with 30 - 40 credits

Semester I

**QSTA 40080 - The Art of Effective Teaching**

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

3 hrs  
3 cr.

**HEDP 31400 - Health Education for the Classroom Teacher**

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.

HED changed to HEDP - effective Spring 2018 -

*coreq: QSTAP 40080*  
3 hrs  
3 cr.

Total ED Credits 6

Semester II

**QSTB 20280 - Child Growth and Development**

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.

*coreq: QSTA 40100, QSTAB 30000*  
*prereq or coreq: QSTA 40000*  
2 hrs  
2 cr.

**QSTA 40180 - Developmental Reading**
Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

coreq: QSTB 20280, QSTP 30000
prereq or coreq: QSTA 40080
2 hrs
2 cr.

QSTP 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

coreq: QSTAP 40180, QSTB 20280
prereq or coreq: QSTAP 40080, HEDP 31400
75 hrs
1 cr.

Total ED Credits 5

Fieldwork 75 hours

Semester III

QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
coreq: QSTA 41280, QSTP 30100
QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

**prereq:** QSTA 40180, QSTB 20280, QSTP 30000  
**coreq:** QSTA 41080, QSTP 30100

2 hrs  
2 cr.

QSTP 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.

*Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.*

**prereq:** QSTAP 40180, QSTB 20280, QSTP 30000  
**coreq:** QSTAP 41080, 41280

75 hrs  
1 cr.

Total ED Credits 5

Fieldwork 75 hours

Semester IV

QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom
management; and formal and informal assessment.

prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr.

QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: MATH 10400, 10500, QSTA 41080, 41280, QSTP 30000
coreq: QSTB 41380, QSTP 30200
2 hrs
2 cr.

QSTP 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 41080, 41280, QSTP 30100
coreq: QSTAP 40680, QSTB 41380
75 hrs
1 cr.

Total ED Credits 5

Fieldwork 75 hours

Semester V

QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.
prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

prereq: QSTA 40180, QSTB 20280, QSTP 30000
3 hrs
3 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080

-- or --

prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 32100 or SEDC 215 or DANED 30200 or SEDC 21200
3
3

Total ED Credits 9

Semester VI

QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their corequisite student teaching in science.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than*
one in the liberal arts.

prereq: QSTA 40680, 41080, 41280, QSTP 30100
coreq: QSTAP 41580
2 hrs
2 cr.

QSTAP 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 40680, 40780, QSTB 41380, QSTP 30200, HED 31400
coreq: QSTAP 41480
2 per week of seminar plus student teaching
4 cr.

Total ED Credits 6

Fieldwork minimum of 60 days

Total Credits 36

Note(s)

QSTA is a designation for courses offered by the Department of Curriculum and Teaching; QSTB is a designation for courses offered by the Department of Educational Foundations; QSTAB is a designation for fieldwork attached to two courses.

Religion - BA

The Program in Religion at Hunter College is the oldest, largest and most comprehensive program of religious studies in the City University. It offers over eighty courses, including several courses in aspects of each of the major world religions (Judaism, Christianity, Islam, Hinduism and Buddhism) as well as in the traditional religions of Africa, Oceania and the Americas; courses in various methodological approaches to the study of religions; and courses in specific issues (such as faith and disbelief, mysticism, myth and ritual, religious experience, the problem of evil, the meaning of love and sex, and the meaning of death) that are fundamental to all religions.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core
Requirement can be found here: General Education - Effective Fall 2019. In the case of Religion, the courses that meet CCCR are:

**REL 11000 - Nature of Religion (W)**

*Hunter Core*
* Individual and Society (Humanities) -I&S H
* GER
* 2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.

*3 hrs*

*3 cr.*

**REL 11100 - Approaches to Religion (W)**

*Hunter Core*
* Individual and Society (I&S) Humanities
* GER
* 2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.

*prereq: ENGL 12000*

*3 hrs*

*3 cr.*

**REL 20400 - Religious Experience (W)**

*Hunter Core*
* Individual and Society (Humanities) -I&S H
* Pluralism and Diversity
* PD/D
* GER
* 2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.

*prereq: ENGL 12000*

*3 hrs*

*3 cr.*

**REL 20500 - Faith and Disbelief (W)**

*Hunter Core*
* Individual and Society (Humanities) -I&S H
* Pluralism and Diversity
* PD/D
* GER
* 2/C

Examination of questions of faith and disbelief in modern Western thought.

*prereq: ENGL 12000*
REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.

prereq: ENGL 12000
3 hrs
3 cr.

REL 20700 - Religious Sources for Morality (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.

prereq: ENGL 12000
3 hrs
3 cr.

REL 20800 - Religion and Social Justice (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/B

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.

prereq: ENGL 12000
3 hrs
3 cr.

REL 20900 - Religion and Human Rights (W)

Hunter Core
Individual and Society - Humanities
GER
2/C
It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 21100 - The Sacred Sky: Astrology in World Religions (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)
GER
2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25100 - Asian Religions (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25200 - Ancient Near Eastern Religions (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A
GER
Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

**prereq:** ENGL 12000

3 hrs

3 cr.

**REL 25300 - Abrahamic Religions (W)**

**Hunter Core**

World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/D

**GER**

2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.

**prereq:** ENGL 12000

3 hrs

3 cr.

**REL 25400 - Tribal Religions: From Australia to the Americas (W)**

**Hunter Core**

World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A or B

**GER**

2/C

Study of indigenous religions of Pacific Islanders and North American Indians.

**prereq:** ENGL 12000

3 hrs

3 cr.

**REL 25500 - Religions of Two Gods (W)**

**Hunter Core**

Individual and Society (Humanities) -I&S H

**Pluralism and Diversity**

PD/A

**GER**

2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

**prereq:** ENGL 12000

3 hrs

3 cr.

**REL 25600 - Afro-Caribbean Religions (W)**
**REL 25700 - Religions of Ancient Central and South America (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

P/D B

**GER**

2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.

*prereq: ENGL 12000

3 hrs

3 cr.

**REL 25800 - Religions of Ancient Europe (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

P/D D

**GER**

2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization.

The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

*prereq: ENGL 12000

3 hrs

3 cr.

**REL 27000 - Religion and Psychology (W)**

**Hunter Core**
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.

*prereq: ENGL 12000
3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (24 credits)

A major in religion consists of 24 credits. Students are required to take REL 11000-Nature of Religion and REL 11100-Approaches to Religion followed by at least one course in theoretical studies, at least one course in religious issues, and at least one course in religious traditions. It is recommended that students take REL 25100-Asian Religions and REL 25300-Abrahamic Religions from the religious traditions course offerings.

1. Introduction to the Field of Religion
2. Theoretical studies in Religion
3. Issues in Religion
4. Religious Traditions

On becoming a major the student, in consultation with the director, will select one member of the program in Religion staff as his or her major adviser. Each religion major is required to consult with this adviser at least twice a year.

I. Introduction to the Field of Religion

**REL 11000 - Nature of Religion (W)**

*Hunter Core*

Individual and Society (Humanities) - I&S H

*GER*

2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.

3 hrs
3 cr.

**REL 11100 - Approaches to Religion (W)**

*Hunter Core*

Individual and Society (I&S) Humanities

*GER*

2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.

*prereq: ENGL 12000
3 hrs
3 cr.*
II. Theoretical Studies in Religion

**REL 27000 - Religion and Psychology (W)**

**Hunter Core**

Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**

PD/D

**GER**

2/C

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.

*prereq: ENGL 12000*

3 hrs

3 cr.

**SOC 20500 - Sociology of Religion**

**GER**

3/B

Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.

*prereq: SOC 10100*

3 hrs

3 cr.

**PHILO 26200 - Philosophy of Religion (W)**

**GER**

3/A

Philosophical examination of some religious questions and beliefs.

*prereq: one course in philosophy or religion (see statement under Program Prerequisites)*

3 hrs

3 cr.

**ANTHC 30700 - Anthropology of Religion**

**Pluralism and Diversity**

PD/A

**GER**

3/B

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.

3 hrs

3 cr.

**REL 39000 - Modern Theories of Religion (W)**
Pluralism and Diversity
PD/D
GER
3/A

An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.

prereq: ENGL 12000, REL 11100
3 hrs
3 cr.

REL 26000 - Special Topics: Theoretical Studies in Religion

Specialized study of a methodological approach to the study of religion. Different topic each time offered.
3 hrs
3 cr.

REL 36000 - Special Topics: Theoretical Studies in Religion

GER
3/A

Specialized study of a methodological approach to study of religion. Different topic each time offered.
3 hrs
3 cr.

III. Issues in Religion

REL 20400 - Religious Experience (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20500 - Faith and Disbelief (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C
Examination of questions of faith and disbelief in modern Western thought.

prereq: ENGL 12000
3 hrs
3 cr.

**REL 20600 - Ideas of God in Contemporary Western Thought (W)**

**Hunter Core**
Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.

prereq: ENGL 12000
3 hrs
3 cr.

**REL 20700 - Religious Sources for Morality (W)**

**Hunter Core**
Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**
PD/D
GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.

prereq: ENGL 12000
3 hrs
3 cr.

**REL 20800 - Religion and Social Justice (W)**

**Hunter Core**
Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**
PD/D
GER
2/B

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.

prereq: ENGL 12000
3 hrs
3 cr.

**REL 20900 - Religion and Human Rights (W)**
It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

**REL 21000 - Atheism (W)**

When a person, group, or idea is called 'atheist,' is that only a statement about theology or metaphysics, or do those who use that label intend to invoke the cultural power of God and, if so, to what end? How is the concept, 'atheism,' put into action in the world, and what does what we say about atheism say about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.

**REL 21100 - The Sacred Sky: Astrology in World Religions (W)**

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.

**REL 30700 - Religious Ideas in Modern Literature (W)**
Exploration of religious themes in modern literature.

*prereq: ENGL 12000
3 hrs
3 cr.*

**REL 30800 - Religion and the Arts (W)**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.

*prereq: ENGL 12000
3 hrs
3 cr.*

**REL 30900 - The Religious Meanings of Love and Sex (W)**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.

*prereq: ENGL 12000
3 hrs
3 cr.*

**REL 31000 - The Religious Meanings of Death (W)**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Consideration of the meaning of death in major world religions.

*prereq: ENGL 12000
3 hrs
3 cr.*

**REL 31100 - Women and Religion (W)**

**Pluralism and Diversity**
**PD/C**
**GER**
3/A

An examination of the role of women and the concept of the feminine in world religions.

*prereq: ENGL 12000*
REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and non-Western traditions, both conservative and radical.

*prereq: ENGL 12000*

REL 31300 - Ecospirituality: Religion and Nature (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.

*prereq: ENGL 12000*

REL 31400 - Religion and Sports (W)

GER
3/A

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in 19th century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of sport.

*prereq: ENGL 12000*

REL 31500 - The Problem of Evil (W)

Pluralism and Diversity
PD/D
GER
3/A
Exploration of the religious meaning of evil in different cultures.

prereq: ENGL 12000
3 hrs
3 cr.

REL 31600 - Men and Religion (W)

Pluralism and Diversity
PD/C -or- PD/D
Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women’s issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars—both male and female—have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.

prereq: ENGL 12000
3 hrs
3 cr.

REL 31700 - Religion and Film (W)

As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging discipline of ‘religion and film studies.’ As such, students will explore the nature of vision, representation, and narrative – topics central to both film and religious studies. Students will also view and analyze films as expressions of culture, including religious culture, and seek to understand the impact of ideology and social practice, gender and sexuality, as well as the economic structures underlying both film and religion.

prereq: ENGL 12000
3 hrs
3 cr.

REL 31800 - Religion and Science (W)

A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.

prereq: ENGL 12000
3 hrs
3 cr.

REL 31900 - Religion and the Body (W)

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.

prereq: ENGL 12000
REL 33400 - Mysticism (W)

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.
prereq: ENGL 12000
3 hrs
3 cr.

REL 33500 - Myth and Ritual (W)

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis.
prereq: ENGL 12000
3 hrs
3 cr.

REL 34000 - Homosexuality in World Religions (W)

Pluralism and Diversity
PD/C
GER
3/A

A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender.
prereq: ENGL 12000
3 hrs
3 cr.

REL 26100 - Special Topics: Issues in Religion

Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
3 cr.

REL 36100 - Special Topics: Issues in Religion

GER
3/A
Study of particular religious topics or thinkers. Different subject each time offered.

3 hrs
3 cr.

IV. Religious Traditions

Ancient Religions

REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr.

REL 25700 - Religions of Ancient Central and South America (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization.
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25800 - Religions of Ancient Europe (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D D
GER
2/C
Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

**prereq:** ENGL 12000  
3 hrs  
3 cr.

**CLA 30300 - Religion of Ancient Greece (W)**

**Pluralism and Diversity**  
GER 3/A  
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.  
**prereq:** ENGL 12000, CLA 10100 or 20100  
3 hrs  
3 cr.

**CLA 30400 - Pagans and Christians (W)**

**Pluralism and Diversity**  
PD/D  
GER 3/A  
Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.  
**prereq:** ENGL 12000; CLA 20100 or 20300  
3 hrs  
3 cr.

**HEBR 28600 - Ancient Near Eastern Literature and the Bible**

**Pluralism and Diversity**  
PD/A  
GER 3/A  
Comparative study of ancient Near Eastern literature and the Hebrew Bible.  
3 hrs  
3 cr.

**Asian Religions**

**REL 25100 - Asian Religions (W)**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/A  
GER 2/C
Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.

prereq: ENGL 12000
3 hrs
3 cr.

REL 32000 - Hinduism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices.

prereq: ENGL 12000
3 hrs
3 cr.

REL 32100 - Buddhism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Buddhism, its development, history, literature, philosophy and religious practices.

prereq: ENGL 12000
3 hrs
3 cr.

REL 33600 - Zen (W)

Pluralism and Diversity
PD/A
GER
3/A

An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds.

prereq: ENGL 12000
3 hrs
3 cr.

PHILO 21900 - Chinese Philosophy (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.
PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and Indo-Tibetan traditions.

African, Afro-Caribbean and Afro-American Religions

REL 25600 - Afro-Caribbean Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.

AFPRL 22000 - African Spirituality in the Diaspora

Pluralism and Diversity
PD/A or B
GER
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.

AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)

Pluralism and Diversity
PD/A
GER
Examination of African religious systems, metaphysical conceptions and philosophy.

prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr.
offered every other sem.

**AFPRL 32300 - Islam and Christianity in Africa (W)**

GER
3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.

prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr.

**AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)**

Pluralism and Diversity
PD/A or B
GER
3/A

Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.

prereq: AFPRL 14100 or 24300
3 hrs
3 cr.

**AFPRL 42000 - The Black Church and Social Change**

GER
3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.

prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr.

**Abrahamic Religions**

**REL 25300 - Abrahamic Religions (W)**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.

*prereq: ENGL 12000*

3 hrs  
3 cr.

**REL 25500 - Religions of Two Gods (W)**

**Hunter Core**  
Individual and Society (Humanities) -I&S H  
**Pluralism and Diversity**  
PD/A  
**GER**  
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

*prereq: ENGL 12000*

3 hrs  
3 cr.

**HEBR 24000 - Introduction to the Old Testament**

**Hunter Core**  
World Cultures and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/A  
**GER**  
2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.

3 hrs  
3 cr

**HEBR 25900 - Old Testament Religion**

**Hunter Core**  
World Cultures and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/A  
**GER**  
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

3 hrs  
3 cr

**HEBR 29200 - The Hebrew Prophets**
Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr

HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)
Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr

HIST 21000 - History of Judaism
GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr

HIST 30900 - Jewish History in the Ancient World
Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr

HIST 31000 - Jewish History in the Medieval and Early Modern Periods
Pluralism and Diversity
PD/D
GER
3/B
The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

REL 33000 - New Testament Religion (W)

Pluralism and Diversity
PD/D
GER
3/A


prereq: ENGL 12000
3 hrs
3 cr.

REL 32300 - Christianity (W)

Pluralism and Diversity
PD/D
GER
3/A

Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.

prereq: ENGL 12000
3 hrs
3 cr.

REL 33300 - Christian Theology (W)

Pluralism and Diversity
PD/D
GER
An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.

*prereq: ENGL 12000
3 hrs
3 cr.*

**HIST 31400 - Ancient and Medieval Christianity (W)**

**Pluralism and Diversity**
**PD/D**
**GER**
3/B

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000
3 hrs
3 cr.*

**HIST 31500 - Christianity in Modern Times**

**GER**
3/B

Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.

*3 hrs
3 cr.*

**HIST 31600 - History of Religion in the United States**

**GER**
3/B

Changing European churches and indigenous American sects; their architecture, leaders and ideas. Courses at the 300-level and above not offered to freshmen.

*3 hrs
3 cr.*

**REL 32200 - Islam (W)**

**Pluralism and Diversity**
**PD/A**
**GER**
3/A

Study of Islam, its development, history, literature, philosophy and religious practices.

*prereq: ENGL 12000
3 hrs
3 cr.*
REL 32400 - Islam and Buddhism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr.

REL 32600 - Religious Meanings of the Qur'ān (W)

GER
3/A

This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" (Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility (especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.
prereq: Engl 12000
3 hrs
3 cr.

REL 33700 - Sufism (W)

Pluralism and Diversity
PD/A
GER
3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta'awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
3 cr.

Tribal Religions

REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.

prereq: ENGL 12000

3 hrs

3 cr.

Special Topics in Traditions

REL 26200 - Special Topics: Religious Traditions

Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.

3 hrs

3 cr.

REL 36200 - Special Topics: Religious Traditions

GER
3/A

Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.

3 hrs

3 cr.

Independent Study

REL 41000 - Independent Study in Religion

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.

May be taken a second or third time with another subject.

prereq: perm chair

hrs TBA

1-6 cr.

Honors

To be eligible for honors classes a student must have the director's permission and at least a 3.5 GPA in the major and cumulatively. To qualify for departmental honors, a student must complete one of the honors courses with a grade of B or above, achieving a final GPA in Religion and cumulatively of at least 3.5.

REL 45000 - Honors Seminar in Religion

Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.

prereq: five courses in religion or a major/CUNY-BA focus in religion and perm instr. or program director

3 hrs

3 cr.
REL 49000 - Honors Tutorial in Religion

Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.

prereq: perm chair
hrs TBA
3-6 cr.

Degree Map for Religion

Degree Map for Religion

Romance Languages - BA

Courses Required for the Major (36 credits)

Students who demonstrate proficiency may be exempted from required introductory language courses. This major is intended for students who want to specialize in two Romance languages.

- 34100 and 34200 in each of two chosen languages (12 cr)
- 9 credits in advanced literature in each of the two languages (18 cr)
- 3 credits in culture or translation in each of the two languages (6 cr)

Honors

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

Graduate Study

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

Study Abroad

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.

Degree Maps
Russian - BA

Return to: Classical and Oriental Studies

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of Russian, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>RUSS 15600</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 15700</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>RUSS 15800</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 25000</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 25100</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 25200</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 25300</td>
<td>Creative Expression (CE)</td>
</tr>
<tr>
<td>RUSS 25400</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 25500</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>RUSS 26000</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 27000</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 29300</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>RUSS 29400</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>RUSS 29500</td>
<td>Creative Expression (CE)</td>
</tr>
<tr>
<td>RUSS 29600</td>
<td>Creative Expression (CE)</td>
</tr>
<tr>
<td>RUSS 29700</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (24 credits)
The Russian major consists of at least 24 credits chosen among courses in the language beyond RUSS 10200 or RUSS 10300.

Russian Concentrations

There are four possible concentrations within the Russian Major, the requirements for which are outlined below. Students who demonstrate proficiency in Russian through a placement exam may be exempted from some courses.

1. **Russian Language Concentration**: for students who want to acquire native fluency in spoken and written Russian and a thorough knowledge of Russian literature.
   - RUSS 10100 and RUSS 10200 Elementary Russian -or- RUSS 10300 Elementary Russian for Heritage Speakers (Intensive)
   - 24 credits in courses beyond RUSS 10200 or RUSS 10300.

2. **Russian Language and Culture Concentration**: for students interested in the arts rather than in language. With the permission of the division head, a limited number of courses in translation may be applied to the major sequence.
   - RUSS 10100 and RUSS 10200 Elementary Russian -or- RUSS 10300 Elementary Russian for Heritage Speakers (Intensive)
   - 24 credits in courses beyond RUSS 10200 or RUSS 10300.

3. **Russian and East Central European Studies (RECE) Concentration**: For students interested in a variety of disciplines in combination with courses from the Division of Russian and Slavic Studies. Requirements for RECE include
   - Russian or Slavic language proficiency or 6 credits in Russian or Slavic language at the 20200 (intermediate) level or above
   - 18 credits distributed as follows:
     a. Russian or East Central European history (3 cr.);
     b. RECE area political science (3 cr.);
     c. Russian or East Central European literature, culture or arts (3 cr.);
     d. and three additional 200- or 300-level courses chosen from two of the following categories:
        i. anthropology,
        ii. economics,
        iii. geography,
        iv. history,
        v. political science and
        vi. literature, culture or arts.
   - Students should select courses in consultation with their RECE adviser. In addition to their 18-to 24-credit concentration, students are strongly urged to choose 12 minor credits from disciplines related to RECE.

4. **Russian Translation Concentration**: for students interested in acquiring training in Russian translation in a variety of professional fields. Requirements for the concentration in Russian translation include:
   - RUSS 10100 and RUSS 10200 Elementary Russian -or- RUSS 10300 Elementary Russian for Heritage Speakers (Intensive)
• 6 credits in Russian language at the intermediate level (RUSS 20100 and RUSS 20200) or 6 credits in the intensive RUSS 20300 for heritage speakers.
• RUSS 21500 Translating Culture: Introduction to Theory and Practice of Translation
• RUSS 30100 Advanced Russian I
• RUSS 30200 Advanced Russian II
• RUSS 31700 Practical Aspects of Translation
• RUSS 31800 Advanced Translation
• RUSS 49800 Internship in Russian and Slavic Studies

*Students exempt from the Russian language requirement through proficiency testing or by permission of the Division Head are required to take 6 credits at the 300-level of either:

1. Two language courses from the following courses:
   • RUSS 31200
   • RUSS 31300
   • RUSS 31400
   • RUSS 31500 -or- RUSS 31900
2. Two literature courses in Russian
3. One literature courses and one of the above language courses

Degree Maps

• Degree Map for Russian: Russian & East Central European Studies
• Degree Map for Russian Language & Culture
• Degree Map for Russian Language
• Degree Map for Russian Translation

Sociology - BA

Sociology is a fascinating field that can help you understand the people, groups, organizations, and institutions that make up the social world. A major in sociology provides undergraduates with sociological training, which is an excellent basis for careers in social work, social research, business, law, and public administration. By continually testing conventional wisdom against empirical evidence, the study of sociology leads students to an understanding of the conditions under which social facts emerge, and the consequences they have for individuals, groups, societies, and social institutions. Majors are encouraged to develop skills in observation, interviewing, and other data collection techniques, data processing, statistical and content analysis, and forecasting the future -- all marketable skills in many career lines.

Hunter Core Requirement

One course within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Sociology major, the course that meets CCC is:

SOC 10100 - Introduction to Sociology
Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core.

Courses Required for the Major (30 credits)

The department recommends a GPA of at least 2.3 when declaring the major.

1. Required Courses (9 cr.)

**SOC 10100 - Introduction to Sociology**

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr.

**SOC 24000 - Introduction to Research Methods**

GER
3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.
prereq: SOC 10100
3 hrs
3 cr.

**SOC 24100 - Social Statistics**

GER
3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.
prereq: SOC 10100
3 hrs
3 cr.
2. Sociological Theory (3 cr.)

SOC 22400 - Sociological Theory (W)

This course represents an advanced undergraduate introduction to the central figures and issues in 19th and 20th century sociological theory. The course is writing intensive, and will involve drafting, revising, and submitting three written essays.

3 hrs
3 cr.

3. Capstone (3 cr.)

SOC 47000 - Sociology Capstone

SOC 47000 provides a capstone experience in Sociology. Students will build on the skills they learned in theory, methods, and elective courses with a final culminating project in which they will develop a research question, gather data or evidence to answer that question, and produce a final paper based on this research. Topics may vary.

prereq: SOC 24000, SOC 24100, SOC 22400
3 hrs
3 cr.

4. Electives (15 cr.)

Of the remaining 15 credits, at least 6 must be in courses at the 300 level or above. No more than 3 credits from the following may be used to satisfy this requirement.

SOC 33100 - Field Placement in Social Work Agencies

GER
3/B

Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper.
prereq: SOC 10100, perm instr.
8 hrs per week
3 cr.

SOC 33200 - Advanced Field Placement in Social Work Agencies

GER
3/B

Supervised work in social service agency, weekly seminar, agency-based research project.
prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.
8 hrs per week
3 cr.

SOC 37101 - Independent Study
**SOC 37200 - Independent Study**

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.

*prereq:* SOC 10100, perm instr.

1 hr
1 cr

**SOC 47100 - Honors/Independent Study**

Advanced independent research project under direction of full-time member of department.

*prereq:* SOC 10100, perm instr.

3 cr. each sem

**SOC 47200 - Honors/Independent Study**

Advanced independent research project under direction of full-time member of department.

*prereq:* SOC 10100, perm instr.

3 cr. each sem

**SOC 49800 - Internship**

Open to advanced majors only. Placement of qualified sociology majors off campus in professional nonsocial service internship settings. Credits are based on analytic internship report, number of hours worked and by written evaluation by agency/company intern supervisor.

*prereq:* SOC 22100 or 22300 and SOC 24000; major; perm supervising full-time faculty

hrs TBA

3-6 cr.

**Independent Study**
These options allow students to initiate and carry out a course of study of their own choosing under the guidance of a full-time faculty sponsor. Students must have a written proposal and a general plan of study to submit to the potential faculty mentor.

Students may pursue independent study through

**SOC 37101 - Independent Study**

**GER**

3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.

*prereq: SOC 10100, perm instr.*

1 hr

1 cr

**SOC 37200 - Independent Study**

**GER**

3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.

*prereq: SOC 10100, perm instr.*

3 cr. each sem

-or-

**SOC 47100 - Honors/Independent Study**

**GER**

3/B

Advanced independent research project under direction of full-time member of department.

*prereq: SOC 10100, perm instr.*

3 cr. each sem

**SOC 47200 - Honors/Independent Study**

**GER**

3/B

Advanced independent research project under direction of full-time member of department.

*prereq: SOC 10100, perm instr.*

3 cr. each sem

**Honors**

In order to graduate with departmental honors in sociology, students must have a 3.0 GPA overall and a 3.5 GPA in sociology; at least 21 of the credits toward the major should have been courses taken at Hunter College.
Students must complete either an Honors Seminar

**SOC 47300 - Honors Seminar**

**GER**

3/B

Honors paper.

*prereq: SOC 10100, perm instr.*

*3 cr. each sem*

or an Honors Independent Study

**SOC 47100 - Honors/Independent Study**

**GER**

3/B

Advanced independent research project under direction of full-time member of department.

*prereq: SOC 10100, perm instr.*

*3 cr. each sem*

**SOC 47200 - Honors/Independent Study**

**GER**

3/B

Advanced independent research project under direction of full-time member of department.

*prereq: SOC 10100, perm instr.*

*3 cr. each sem*

or a graduate course

**SOC 42500 - Seminar in Selected Problems of Sociology**

**GER**

3/B

Advanced seminar: reading, discussion, and papers on significant problems in sociology and in applied social research; in most cases cross-listed with graduate social research course or seminar.

*prereq: SOC 10100, perm instr.*

*3 hrs*

*3 cr*

**Additional Information**

Students whose GPAs are within this range are urged to consult their adviser before planning senior year programs of study, since honors seminars are generally offered only once per year, usually in the fall semester. In addition, students
qualifying for departmental honors are eligible for membership in Alpha Kappa Delta, the International Sociology Honor Society. See adviser for more information.

**Internships**

Provided students secure approval of a full-time faculty member, internships can be carried out for 3 credits with faculty supervision. Interested students must meet the requirements listed under the SOC 49800 entry.

**Graduate Courses**

Qualified undergraduates seeking more advanced or specialized work may, with the permission of the instructor, be permitted to take graduate courses. Consult the graduate catalog for course listings.

**Degree Map**

Degree Map for Sociology

**Spanish - BA**

The Spanish major provides two concentrations:

- Spanish Literature
- Spanish-English/English-Spanish Translation and Interpretation

**Honors**

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

**Teacher Education Pathway**

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

**Graduate Study**

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

**Study Abroad**
All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements). Qualified students can apply for financial aid and STOCS grants. Spanish in Spain is offered during June, July, or both months at the Universidad Antonio de Nebrija in Madrid. Spanish in Argentina is offered during the winter break in Mar del Plata (Argentina) at the Universidad Nacional de Mar del Plata.

**Spanish Literature**

**Courses Required for the Major (36-48 credits)**

1. 100-level and 200-level courses

Students who demonstrate proficiency in Spanish through a placement exam or prior study may be exempted from some courses at the 100 and 200 level.

**SPAN 10100 - Elementary Spanish I**

Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**SPAN 10200 - Elementary Spanish II**

Language lab mandatory.
Spanish for English speakers.

prereq: SPAN 10100 or one yr high school Spanish

3 hrs
3 cr.

**SPAN 20100 - Intermediate Spanish I**

Language lab mandatory.
Spanish for English speakers.

prereq: SPAN 10200 or two yrs high school Spanish

3 hrs
3 cr.

**SPAN 20200 - Intermediate Spanish II**

Language lab mandatory.
Spanish for English speakers.

prereq: SPAN 20100 or three yrs high school Spanish

3 hrs
3 cr.

-or-

**SPAN 10300 - Intensive Elementary Spanish**
Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr.

**SPAN 20300 - Intensive Intermediate Spanish**

Language lab mandatory.
Spanish for English speakers.
*prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200*
6 hrs
6 cr.

-or-

**SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish**

Spanish for native speakers.
3 hrs
3 cr.

**SPAN 10600 - Oral and Written Skills for Native Speakers of Spanish**

Spanish for native speakers.
*prereq: SPAN 10500 or 20500 or perm dept.*
3 hrs
3 cr.

**SPAN 20700 - Intermediate Spanish for Native Speakers**

Spanish for native speakers.
*prereq: SPAN 10600, 20600 or perm dept.*
3 hrs
3 cr.

**SPAN 20800 - Advanced Spanish for Native Speakers**

Spanish for native speakers.
*prereq: SPAN 20700 or perm dept.*
3 hrs
3 cr.

and

**SPAN 21100 - Spanish Grammar and Composition**

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
*prereq: SPAN 20200 or 20300*
3 hrs
3 cr.

-or-
SPAN 27000 - Spanish Composition for Spanish Speaking Students

prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.

2. Spanish Literature Courses (12 cr.)

SPAN 31100 - The Structure of Modern Spanish

prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr.

SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr.

3. Literature before the 19th century (6 cr.)
Choose from the list of courses below.

**SPAN 34300 - Spanish Literature of the Middle Ages**

**Pluralism and Diversity**

**PD/D**

**GER**

3/A

After exploring Al Andalus’ poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic *Poema de Mio Cid*, the beginning of the Christian cult of Virgin Mary (*Milagros de Nuestra Señora*), the origins of the short stories (*Libro de Conde Lucanor*), and the elegy will be studied. Special attention will be given to the position of women since the 12th Century, especially in *Libro de buen amor*.

*prereq: SPAN 34100*

3 hrs

3 cr.

**SPAN 34500 - Spanish Drama of the Golden Age**

**Pluralism and Diversity**

**PD/D**

**GER**

3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.

*prereq: SPAN 34100*

3 hrs

3 cr.

**SPAN 34600 - Cervantes**

**Pluralism and Diversity**

**PD/D**

**GER**

3/A

Don Quijote.

*prereq: SPAN 34100*

3 hrs

3 cr.

**SPAN 34900 - Spanish Prose of the Golden Age**

**Pluralism and Diversity**

**PD/D**

**GER**

3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.

*prereq: SPAN 34100*
SPAN 35000 - Spanish Poetry of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35300 - Spanish Neoclassicism and Romanticism

Pluralism and Diversity
PD/D
GER
3/A

Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3 cr.

4. Latin American literature (9 cr.)

Choose from the list of courses below. At least 3 credits from this category must be in contemporary literature.

SPAN 36000 - Spanish-American Literature of the Colonial Period

GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish-American literature.
prereq: SPAN 34100
3 hrs
3 cr.
SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36600 - Contemporary Latin American Poetry

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36700 - Latin American Essay

GER
3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-American history.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36800 - Contemporary Latin American Narrative

GER
3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'Boom', novel of the dictator.
prereq: SPAN 34100
SPAN 37100 - Special Topics in Spanish- American Literature

GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr.

5. One course chosen from the following (3 cr.)

SPAN 33500 - Spanish Civilization

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

6. Two additional required courses chosen from the following (6 cr.)

Students may choose the remaining 6 credits in any course in literature from Spain or Latin America numbered above 34200. Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:

SPAN 39900 - Second Language Acquisition

prereq: at least three courses at the 300- level in the language; ENGL 12000
3 hrs
3 cr.

SPAN 49500 - Independent Study in Hispanic Literature

Pluralism and Diversity
PD/D
prereq: perm dept.
1-3 cr.

SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12
The nature of language, and language acquisition/learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.

prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

Degree Map

Degree Map for Spanish Literature BA

Spanish-English/English-Spanish Translation and Interpretation

This program prepares students for careers in the growing translation field. Students take courses in Spanish language, literature and civilization in conjunction with specialized courses in translation/interpretation theory and practice. Allied courses in English and related fields of study are required and must be approved by the program adviser. Sufficient flexibility is built into the program so that students may tailor certain requirements to fit their individual needs and interests. An intensive internship in translation and/or interpretation serves as the student's capstone experience and preparation for future professional settings. Please see the department of Romance Languages for more details regarding this new and innovative program of study.

Courses Required for the Major (51-63 credits)

1. 100-level and 200-level courses

Students who demonstrate proficiency in Spanish through a placement exam may be exempted from some courses.

SPAN 10100 - Elementary Spanish I

Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr.

SPAN 20100 - Intermediate Spanish I
Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr.

SPAN 20200 - Intermediate Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr.

-or-

SPAN 10300 - Intensive Elementary Spanish

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr.

SPAN 20300 - Intensive Intermediate Spanish

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr.

-or-

SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish

Spanish for native speakers.
3 hrs
3 cr.

SPAN 10600 - Oral and Written Skills for Native Speakers of Spanish

Spanish for native speakers.
prereq: SPAN 10500 or 20500 or perm dept.
3 hrs
3 cr.

SPAN 20700 - Intermediate Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 10600, 20600 or perm dept.
3 hrs
3 cr.

SPAN 20800 - Advanced Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.

and

SPAN 21100 - Spanish Grammar and Composition

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr.

-or-

SPAN 27000 - Spanish Composition for Spanish Speaking Students

prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.

2. Linguistic Structures and Advanced Writing (9 cr.)

SPAN 31100 - The Structure of Modern Spanish

prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr.

SPAN 31300 - Spanish Stylistics

Practice in Spanish writing through stylistic analysis of poetic and narrative structures and the relationship of text and context.
prereq: ENGL 12000; SPAN 31100, 31200, 34100, 34200
3 hrs
3 cr.

3. Lexical and Cultural Enrichment (12 cr.)

**SPAN 34100 - Introduction to Hispanic Literature I**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.

*prereq or coreq: SPAN 31100 or dept. perm*

3 hrs
3 cr.

**SPAN 34200 - Introduction to Hispanic Literature II**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

*prereq: SPAN 34100*
*coreq: SPAN 31200*

3 hrs
3 cr.

Two courses in *contemporary* Spanish or Spanish-American theatre, narrative or essay above SPAN 34200, or from any of the following:

**SPAN 35300 - Spanish Neoclassicism and Romanticism**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Representative works of Neoclassical and Romantic periods, including costumbrismo.

*prereq: SPAN 34100*

3 hrs
3 cr.

**SPAN 35500 - Spanish Literature from Realism to World War I**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A
From Realism and Naturalism through the Generation of 1898 and Modernism.

*prereq: SPAN 34100
3 hrs
3 cr.*

**SPAN 35700 - Early 20th Century Spanish Literature**

*Pluralism and Diversity*
*PD/D*
*GER*
*3/A*

Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.

*prereq: SPAN 34100*
*3 hrs
3 cr.*

**SPAN 35800 - Post-Civil War Spanish Literature**

*Pluralism and Diversity*
*PD/D*
*GER*
*3/A*

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.

*prereq: SPAN 34100*
*3 hrs
3 cr.*

**SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism**

*GER*
*3/A*

Representative works of 19th century Spanish- American literature.

*prereq: SPAN 34100*
*3 hrs
3 cr.*

**SPAN 36400 - Spanish-American Modernism and Post-modernism**

*GER*
*3/A*

Modernist and post-modernist authors.

*prereq: SPAN 34100*
*3 hrs
3 cr.*

**SPAN 36500 - Survey of Spanish-American Teatro**
Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.  
*prereq: SPAN 34100*  
3 hrs  
3 cr.

**SPAN 36600 - Contemporary Latin American Poetry**

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.  
*prereq: SPAN 34100*  
3 hrs  
3 cr.

**SPAN 36700 - Latin American Essay**

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-American history.  
*prereq: SPAN 34100*  
3 hrs  
3 cr.

**SPAN 36800 - Contemporary Latin American Narrative**

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'Boom', novel of the dictator.  
*prereq: SPAN 34100*  
3 hrs  
3 cr.

**SPAN 37000 - Special Topics in Spanish Literature**

**Pluralism and Diversity**  
PD/D  
**GER**  
3/A

May be repeated with different topic.  
*prereq: SPAN 34100; permission of adviser.*
SPAN 37100 - Special Topics in Spanish-Amercan Literature

GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.

SPAN 37400 - Contemporary Literature and Film

GER
3/A

Conducted in Spanish. Analysis of contemporary novels from Latin America and Spain and the films based upon them
prereq: SPAN 34100 or instructor permission

or from Africana and Puerto Rican Studies (taught in Spanish)

One of the above plus one course in Spanish or Spanish-American culture

SPAN 33500 - Spanish Civilization

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 20800, 21100 or dept. perm

SPAN 33600 - Latin American Civilization

GER
3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
4. Translation and Interpretation (15 cr.)

**SPAN 38000 - Introduction to Translation and Interpretation Studies**

Provides an introduction to basic concepts and techniques of translation and interpretation and develops a systematic approach to resolving language transference problems.

*prereq: SPAN 31100 and 31200*

3 hrs
3 cr.

Two courses from:

**SPAN 38100 - Translation from Spanish into English**

Develops proficiency in translating from Spanish into English. The student will work with a variety of general Spanish texts and develop skills for analyzing and rendering them accurately into English. In addition, s/he will examine the best ways to handle idiomatic expressions, tenses and other complex grammatical structures. S/he will become familiar with the relevant terminology and theoretical issues, as well as learn how to select and evaluate dictionaries and other research materials.

*prereq: SPAN 38000*

3 hrs
3 cr.

**SPAN 38200 - Consecutive Interpretation Spanish-English/English-Spanish**

An overview of the principles of consecutive interpretation.

*prereq: SPAN 38000*

3 hrs
3 cr.

**SPAN 38300 - Translation from English into Spanish**

Reinforces the basic principles of translation taught in SPAN 3800 with more advanced texts, and adds a special emphasis on style and the specific demands of certain categories of texts, as well as theoretical discussion regarding choices in translation.

*prereq: SPAN 38000*

3 hrs
3 cr.

**SPAN 38400 - Simultaneous Interpretation Spanish-English**

Designed so that students may begin working directly on the skills, protocol and practice of simultaneous interpretation, analyze in detail its processes, and review the settings in which it is used.

*prereq: SPAN 38000*

3 hrs
3 cr.
one or more courses from SPAN 39000: (topics vary. See Schedule of classes for offerings)

SPAN 39000 - Translation and Interpretation for the Professions

This series of courses will focus each semester on a different professional area, such as legal, medical, business, technical-scientific, social, and literary translation.

prereq: varies by course
3 hrs
3 cr.

One or more courses from:

SPAN 39100 - Internship in Translation

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship. It consists of 70 hours of practical work in translation for a financial institution, law firm, translation agency, the United Nations, or other organization. In addition, the student must attend regularly scheduled meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional translation.

prereq: SPAN 38100 – 38400, 39000
3 hrs
3 cr.

SPAN 39200 - Internship in Interpretation

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship to train them in real-world interpreting skills in the context of court interpreting, parliamentary procedure, diplomatic etiquette, conference organization, etc. This internship consists of 70 hours of practical work in interpretation as well as frequent meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional interpretation.

prereq: SPAN 38100 – 38400, 39000
3 hrs
3 cr.

Additional Course Requirements (12 credits)

1. At least two courses from among the following (6 cr.)

ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods

Additional practice in expository writing; small classes (8-10).
prereq: ENGL 12000
3 hrs
3 cr.

ENGL 21800 - Advanced Expository Writing
Frequent writing practice, with emphasis on clarity, style and organization.

**ENGL 30100 - Composition Theory and Practice**

**GER**

3/A

Study of the theory and practice of academic composition.

**ENGL 30800 - Workshop in Non-Fiction I**

**GER**

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.

**ENGL 30900 - Workshop in Non-Fiction II**

**GER**

3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.

This course may be repeated once for credit.

**ENGL 28000 - The Structure of Modern English**

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

**2. Choose either Option A or Option B**
Option A: Two courses in contemporary US literature written in English from the following courses (6 cr.)

**ENGL 32000 - Multi-Ethnic American Literature (W)**

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 32100 - Topics in African American Literature**

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 37700 - 20th and 21st Century American Fiction**

GER
3/A

Study of representative fiction in its cultural, social, and historical contexts.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 37900 - 20th and 21st Century American Drama**

GER
3/A

Study of representative drama in its cultural, social, and historical contexts.

*prereq: ENGL 22000*

3 hrs
3 cr.

**AFPRL 35600 - Latino Literature in English (W)**
Pluralism and Diversity
PD/B
GER
3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).

3 hrs
3 cr.

Option B: One courses from Option A above and one of the following courses (6 cr.)

ANTHC 15100 - Introduction to Linguistics

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

3 hrs
3 cr.

ANTHC 35100 - Language in Culture and Society

GER
3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.

3 hrs
3 cr.

ANTHC 35300 - Phonological Analysis and Theory

GER
3/B

Phonetics of diverse languages, their phonemic analysis at different levels of theory, including distinctive feature analysis and phonological links to grammar.

prereq: ANTHC 15100 or equiv.

3 hrs
3 cr.

ANTHC 35400 - Grammatical Analysis and Theory

GER
3/B
Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.

**prereq:** ANTHC 15100 or equiv.

3 hrs

3 cr.

**AFPRL 18100 - Language and Ethnic Identity**

**Hunter Core**

Individual and Society (Social Sciences) - I&S SS

**ENGL 33200 - History of the English Language (W)**

The diversity and spread of English across the globe. The effects of language contact on English.

**prereq:** ENGL 22000

3 hrs

3 cr.

**MEDPL 20100 - Reporting and Writing I (W)**

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

**prereq or coreq:** MEDIA 18000

3 hrs

3 cr.

**MEDPL 20200 - Reporting and Writing 2(W)**

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.

**prereq:** MEDPL 20100

3 hrs

3 cr.

**THEA 16100 - Acting I: Basic Acting Techniques**

For intended majors and non-majors. Exploration of the fundamentals of acting technique through exercises and improvisation.

**coreq:**

3 hrs

3 cr.

**THEA 26100 - Acting II: American Realism**

**GER**

3/A

Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism.
prereq: THEA 16100 or perm instr.
4 hrs
3 cr.

THEA 26200 - Acting III: World Realism

GER
3/A

Continuation of scene study focusing on text analysis, personalization, objective and action using the world realistic repertory, such as the plays of Chekhov, Ibsen and Strindberg.
It is recommended that this course be taken with THEA 26300.
prereq: THEA 26100
4 hrs
3 cr.

*These courses may be counted for credit in more than one program.

Degree Map for Spanish Translation and Interpretation

- Degree Map for Spanish Translation and Interpretation

Statistics - BA

Return to Statistics BA

The statistics major consists of at least 33 credits of coursework: 30-47 credits of core mathematics and statistics courses and any additional 3-credit statistics, mathematics, or computer science course approved by the statistics adviser. Modifications are permitted with the consent of the statistics adviser. With permission of the adviser, a student may take graduate courses in statistics and applied mathematics.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Statistics major, the courses that meet CCC are:

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
**MATH 15000 (STEM) - Calculus I**

**Hunter Core**  
Math/Quantitative Reasoning  
GER  
1/B  

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
Prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.  
4 hrs  
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**  
Math/Quantitative Reasoning  
GER  
1/B  

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.  
Prereq: grade of C or better in MATH 15000  
4 hrs  
4 cr.

**STAT 21200 - Discrete Probability**

**Hunter Core**  
Math/Quantitative Reasoning  
GER  
1/B  

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.  
Prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.  
3 hrs  
3 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**  
Math/Quantitative Reasoning  
GER  
1/B  

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical
software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

Core Courses (30-47 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Calculus Sequence (0-17 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs
4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**prereq:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

**prereq:** grade of C or better in MATH 15000
4 hrs
4 cr.

* These courses may be counted for credit in more than one program.

**Other Required Math Courses (30 credits)**

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**prereq:** MATH 15000
**prereq or coreq:** MATH 15500
MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr.

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

STAT 21200 - Discrete Probability

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics
Sampling, estimation, tests of hypotheses, including one-and-two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs

3 cr.

**STAT 21400 - Data Analysis Using Statistical Software**

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building

**prereq:** STAT 21300 or MATH 12400 or MATH 12500 or MATH 12550 and STAT 11300 with grade of C or better in each course.

3 hrs

3 cr.

**STAT 31100 - Probability Theory**

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.

**prereq:** MATH 25000.

3 hrs

3 cr.

**STAT 31200 - Stochastic Processes**

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.

**prereq:** STAT 31100

3 hrs

3 cr.

**STAT 31300 - Introduction to Mathematical Statistics**

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.

**prereq:** STAT 31100

3 hrs

3 cr.
* These courses may be counted for credit in more than one program.

**Elective Courses (3 credits)**

The student must complete one additional 3-credit statistics or mathematics course approved by the undergraduate statistics adviser.

**Actuarial Sequence**

A student interested in actuarial work should take the following courses. Students are also encouraged to take courses in accounting, economics and computer science. A student majoring either in Statistics or Mathematics could also complete the Actuarial Sequence as a part of his/her major requirements. A review for the Actuarial Exams is not a part of the curriculum, however, and it is left to the individual student to study for and take those exams.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. 
**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs

4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

**prereq:** grade of C or better in MATH 15000

4 hrs

4 cr.

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**prereq:** MATH 15000

**prereq or coreq:** MATH 15500

2 hrs

1 cr.

**MATH 25000 - Calculus III**
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**prereq:** MATH 15500, MATH 15600

4 hrs

4 cr.

**MATH 26000 - Linear Algebra**

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

**prereq:** MATH 15600

**prereq or coreq:** MATH 25000

4 hrs

4 cr.

**STAT 31100 - Probability Theory**

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.

**prereq:** MATH 25000.

3 hrs

3 cr.

**STAT 31300 - Introduction to Mathematical Statistics**

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.

**prereq:** STAT 31100

3 hrs

3 cr.

**Degree Map**

Degree Map for Statistics

**Statistics BA**

The study of statistics provides the student with analytical tools that may find application in various fields within the sciences and social sciences. Bioinformatics is a rapidly developing area open to students in statistics with a working knowledge of computing and biological sciences. Actuarial science is one area open to students in statistics who also have backgrounds in such subjects as computer science, mathematics and economics. In addition to offering the Statistics Major, the department has a specialized undergraduate track for students interested in pursuing a career in
bioinformatics: the concentration in Quantitative Biology. The BA/MA in Statistics and Applied Mathematics offered by the department provides enrichment for undergraduate statistics majors.

Programs

- Statistics - BA
- Statistics Major with a Concentration in Quantitative Biology - BA
- Mathematics or Statistics and Applied Mathematics - BA/MA

Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000, STAT 48600, or any 700-level MATH or STAT course, and by presenting a major GPA of at least 3.6.

**MATH 49000 - Honors Seminar**

**GER**

3/B

*prereq: MATH 31100, 35100, departmental permission*

3 hrs
3 cr.

**Statistics Major with a Concentration in Quantitative Biology - BA**

return to Statistics BA

For students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry. Students interested in this concentration in the statistics major should consult the bioinformatics adviser.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Statistics major with a concentration in Quantitative Biology, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 12500 (STEM)</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>MATH 15000 (STEM)</td>
<td>Math/Quantitative Reasoning</td>
</tr>
</tbody>
</table>
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (63-80 credits)

Core Courses (30-47 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Calculus Sequence (0-17 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

-or-

**MATH 101EN - Algebra for College Students - Enhanced**

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

*prereq: Department Permission*

6 hrs

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed*
any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

- or -

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B
Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

- or -

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.
Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.
prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

MATH 14000 - Mathematical Reasoning Workshop
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000

4 hrs
4 cr.

Other Required Math Courses (30)

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.
prereq: MATH 15000
prereq or coreq: MATH 15500

2 hrs
1 cr.

MATH 25000 - Calculus III

GER
3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

*prereq:* MATH 15500, MATH 15600

4 hrs
4 cr.

**MATH 26000 - Linear Algebra**

**GER**

3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

*prereq:* MATH 15600
*prereq or coreq:* MATH 25000

4 hrs
4 cr.

**MATH 25400 - Ordinary Differential Equations**

**GER**

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

*prereq:* MATH 25000

3 hrs
3 cr.

-or-

**MATH 35400 - Dynamical Systems and Chaos**

**GER**

3/B

Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete one-dimensional dynamical systems.

*prereq:* MATH 25000, 26000

3 hrs
3 cr.

**STAT 21200 - Discrete Probability**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

*prereq:* MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.

3 hrs
3 cr.
STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

STAT 21400 - Data Analysis Using Statistical Software

GER
3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building

prereq: STAT 21300 or MATH 12400 or MATH 12500 or MATH 12550 and STAT 11300 with grade of C or better in each course.
3 hrs
3 cr.

STAT 31100 - Probability Theory

GER
3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.

prereq: MATH 25000.
3 hrs
3 cr.

STAT 31200 - Stochastic Processes

GER
3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.

prereq: STAT 31100
3 hrs
3 cr.

STAT 31300 - Introduction to Mathematical Statistics

GER
3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.
prereq: STAT 31100
3 hrs
3 cr.

Additional Required Courses (33 credits)

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.

prereq: none
3 hrs
3 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

BIOL 42500 - Computational Molecular Biology

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

*These courses may be counted for credit in more than one program.

Studio Art - BA

Return to Programs and Courses in Art and Art History

- Studio Art 24-Credit Major (BA)
- Studio Art 42-Credit Major (BA)

Electives
All courses, unless otherwise specified, are open to qualified students majoring in other areas.

Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

ARTCR 36000 - Special Topics

Topics in studio art are announced prior to registration each term. One Special Topics course may be taken to meet concentration requirements in the 42 credit degree.

Material Fee: $50
prereq: ARTLA 20100
3 hrs + 5 hrs open studio
3 cr.

ARTCR 40200 - Independent Study in Studio Art

prereq: ARTLA 20100
1-3 hrs
1-3 cr. per semester

Graduate Study

The Department of Art offers a number of courses, listed in the Graduate Catalog, that may be credited toward the degree of bachelor of arts. Qualified students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

Studio Art 24-Credit Major (BA)

The 24-Credit Major (BA) is recommended to the student interested in a liberal arts education, particularly those interested in double majoring in Art History, or in other majors in the college. It consists of eight courses in the major subject, normally one 3-credit course per semester, beginning with ARTLA 20100, followed by an additional 21 credits selected from 20000- and 30000-level ARTCR courses. ARTCR 22100 Drawing is recommended but not required. Repeated and additional courses cannot count towards the BA degree.

The 24-credit major in creative art consists of eight courses:

Core Course (3 credits)

ARTLA 20100 - Art Foundations: Seeing, Thinking, Making
This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

Material fee: $25.00
4 hrs.
3 cr.

Studio Art Courses (21 credits)

7 courses selected from ARTCR 20000 and 30000 level courses.

Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

Degree Map

Degree Map for Studio Art (24 cr.) BA

**Studio Art 42-Credit Major (BA)**

Return to Studio Art BA

The 42-credit Major (BA) is an intensive major recommended for the student who prefers a greater concentration in studio art and particularly for the student who plans to do graduate study in art.

Courses Required for the Major

1. Two introductory classes:
   - ARTLA 20100 Art Foundations: Seeing, Thinking, Making
   - ARTLA 20200 Art Foundations: Methods and Techniques

2. Four (ARTCR) classes (12 credits) in one area of study can include only one ARTCR 36000
   - Please note that the core courses in an area of study can be repeated once for credit if taken with a different instructor.

3. Four (ARTCR) (12 credits) studio classes outside the area of study
   - Please note that the courses to be taken in and out of the area of study should be determined in consultation with a departmental adviser.

4. Three (ARTH) (9 credits) of study in art history, at least one of which must be in contemporary or modern art, i.e. ARTH 24900, ARTH 25000, ARTH 25100, ARTH 24700, ARTH 25700, ARTH 35100, ARTH 45000

5. ARTLA 40600 - 2D/3D/4D Capstone Seminar 3 credits, to be taken towards the end of the degree.

Double Majors
Students in the 42-credit Studio Art major may not double major in Art History, but they may minor in Art History, by fulfilling the requirements for an Art History minor in addition to the 9 ARTH credits required for the Studio Art 42-credit major.

30 credit ARTCR limit

While the major requires fewer than the 30 credits of ARTCR that can be counted toward the BA degree, whether in the major or as college electives, we encourage students to take the full 30 credits of ARTCR allowed.

Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

Degree Map

Degree Map for Studio Art (42 cr.) BA

Teaching Languages Other Than English: Chinese, Grades 7-12- BA

The BA program in Adolescent Teaching Languages Other Than English: Chinese, Grades 7-12 leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major
1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Course of Study

Academic Plan: CHIADED-BA & MHCHIA-BA

Credits: 60 - 66

Chinese Requirements (33-39 credits)

33 credits must be from courses above the 100 level. Courses must be taken in the sequence described below. Students who demonstrate proficiency in Chinese through a placement exam may be exempted from some courses.

CHIN 10100 - Elementary Chinese I

Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall
CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

CHIN 20100 - Intermediate Chinese I

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.

prereq: CHIN 10200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 20200 - Intermediate Chinese II

Continued reading of literature in baihua.

prereq: CHIN 20100 or equiv.
3 hrs
3 cr.
offered spring

CHIN 30100 - Journalistic Chinese Literature I

Intensive reading of literature and essays written in journalistic style.

prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 30200 - Journalistic Chinese Literature II

Intensive reading and translation of literature written in journalistic style.

prereq: CHIN 30100 or equiv.
3 hrs
3 cr.
offered spring

CHIN 30300 - Classical Chinese Literature I

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.

prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 30400 - Classical Chinese Literature II
Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.

_prereq: CHIN 303 or equiv._

3 hrs
3 cr.
offered spring

**CHIN 30700 - Classical Chinese Poetry**

**Pluralism and Diversity**

PD/A

Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.

_prereq: CHIN 30400 or equiv._

3 hrs
3 cr.

- CHIN 40160 Modern Chinese Fiction
- CHIN 40111 Language for the Global Workforce
- CHIN 40110 Business in China
- CHIN 40200 - Independent Study in Chinese Literature
  9 additional credits:
- CHIN 39900 - Second Language Acquisition and 6 credits in Chinese language and literature at the 300 or 400 level.

**Education Requirements (27 credits)**

**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.

**SEDF 20400 - Adolescent Development**

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork
2 cr.

**SEDF 20500 - Educational Psychology: Applications in Grades 7-12**

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

_prereq: SEDF 20300, 20400_

2 hrs per week plus 36 hrs fieldwork
2 cr.

**SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12**
The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.

SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

The nature of language, and language acquisition/learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.

prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq: SEDF 20300, 20400
1 hr
1 cr.

SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.

prereq: SEDC 21200
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who
obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080
-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200
3
3

SEDCP 45210 - Student Teaching in Chinese, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Chinese teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

### Teaching Languages Other Than English: French, Grades 7-12- BA

Teaching Languages Other Than English Grades 7-12- French BA leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

### Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

### Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in French.
5. Participation in a group interview.

### Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
Any student who receives a grade of F in any education course will not be permitted to continue in the program.

Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Course of Study

Academic Plan: FRENAED-BA

Credits: 60-72

French Requirements (33-45 credits)

Students who demonstrate proficiency in French through a placement exam may be exempted from some courses.

0-12 credits from:

**FREN 10100 - Elementary French I**

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**FREN 10200 - Elementary French II**

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

Prereq: FREN 101 or one yr high school French.

3 hrs
3 cr.

**FREN 10300 - Intensive Elementary French**

Equivalent to material covered in 10100 and 10200. Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

6 hrs
6 cr.

FREN 20100 - Intermediate French I

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr.

FREN 20200 - Intermediate French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr.

-or-
FREN 10300 - Intensive Elementary French may be substituted for FREN 10100 and FREN 10200
FREN 20300 - Intensive Intermediate French may be substituted for FREN 20100 and FREN 20200

3 credits from:

FREN 31100 - Advanced French Grammar

prereq: FREN 20200
3 hrs
3 cr.

FREN 31200 - French Oral and Written Expression

prereq: FREN 20200 or equiv.
3 hrs
3 cr.

FREN 32100 - French Translation

prereq: FREN 20200 or equiv.
3 hrs
3 cr.

6 credits from:
FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

21 credits from:

FREN 33500 - French Culture I

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 33600 - French Culture II

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3 cr.

FREN 33700 - Contemporary French Culture
Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press.

prereq: FREN 31100 or 31200 or perm instr.

3 hrs
3 cr.

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as See, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.

3 hrs
3 cr.

FREN 34400 - 17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruyère, Mme de Lafayette, La Fontaine, Malherbe, Molière, Pascal, Racine, Mme de Sévigny, Saint Simon.

prereq: FREN 34100 and 34200

3 hrs
3 cr.

FREN 34600 - 18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, Laclaus, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.

prereq: FREN 34100 and 34200

3 hrs
3 cr.

FREN 34800 - 19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A
Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr.

FREN 34900 - 19th Century French Literature (1850-1900)

Pluralism and Diversity
GER
3/A

Such authors as Barbey durevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de Isle-Adam, Zola.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35000 - 20th Century French Literature (1900-1950)

Pluralism and Diversity
GER
3/A

Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Péguy, Proust, Sartre.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Koltès, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35300 - Survey of Francophone Literature

GER
3/A

A study of literature produced in French-speaking regions and nations (other than France) such as North and West
Africa, the Caribbean, Vietnam and Quebec.

FREN 36000 - French Literature: Special Topics
Pluralism and Diversity
GER 3/A

FREN 36100 - Middle Ages and the Renaissance: Special Topics
Pluralism and Diversity
GER 3/A

FREN 36300 - The 18th Century: Special Topics
Pluralism and Diversity
GER 3/A

FREN 36500 - The 20th Century: Special Topics
Pluralism and Diversity
GER 3/A PD/D

Topics to be offered may include single authors, themes, genres, movements, or approaches.

FREN 37500 - Seminar in French Literary History
Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr.

FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to Jr/Sr only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3 cr.

FREN 49500 - Independent Study in French Literature

prereq: perm adviser
1-3 cr.

3 credits in Second Language Acquisition chosen from:

FREN 39900 - Second Language Acquisition

prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr.
  •  FREN 49500 - Independent Study in French Literature

Education Requirements (27 credits)

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parent-school community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr.

SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr.
SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

_prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

_prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.

SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.

_prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

_prereq: SEDF 20300, 20400
1 hr
1 cr.

SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.
prereq: SEDC 21200  
prereq or coreq: SEDF 20500, SEDC 21000  
2 hrs per week plus 48 hrs fieldwork  
2 cr.

**SEDCP 34100 - Adolescent Fieldwork**

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500  
15 hours of seminar; 48 hours of fieldwork  
1 cr.

**SPED 30800 - Teaching Students with Special Needs in Inclusive Settings**

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080

-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200  
3  
3

**SEDCP 45220 - Student Teaching in French, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified French teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Teaching Languages Other Than English: Italian, Grades 7-12- BA

Teaching Languages Other Than English Grades 7-12 - Italian BA leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary school. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Italian.
5. Participation in a group interview.
Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Course of Study

Academic Plan: ITAADED-BA

Credits: 60 - 72

Italian Requirements (33-45 credits)

Students who demonstrate proficiency in Italian through a placement exam may be exempted from some courses.

0-12 credits from:

**ITAL 10100 - Elementary Italian I**

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.

*3 hrs 3 cr.*

**ITAL 10200 - Elementary Italian II**

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ITAL 10100 or one yr high school Italian*
ITAL 20100 - Intermediate Italian I

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr.

ITAL 20200 - Intermediate Italian II

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr.
-or-
ITAL 10300 - Intensive Elementary Italian may be substituted for ITAL 10100 and ITAL 10200
ITAL 20300 - Intensive Intermediate Italian may be substituted for ITAL 20100 and ITAL 20200

3 credits from:

ITAL 31100 - Advanced Italian Grammar

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200 or equiv.
3 hrs
3 cr.

ITAL 31200 - Advanced Italian Composition

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 31100 or equiv.
3 hrs
3 cr.

ITAL 33100 - Italian Phonetics and Diction

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
prereq: ITAL 202 or equiv.
3 hrs
3 cr.
ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

GER
3/A

Selections from Dante to Ariosto. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3 cr.

ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present

Pluralism and Diversity
GER 3/A PD/D

Selections from Tasso to contemporary writers. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3 cr.

ITAL 34300 - Dante's Vita Nuova and Inferno

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200)
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 34300
3 hrs
3 cr.

ITAL 34500 - Dante’s Paradiso and Major Prose Works

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 34300
3 hrs
3 cr.

15 credits from:

ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism

Pluralism and Diversity
PD/D
GER
3/A

Il Canzoniere and Il Decamerone.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 34100 or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 34700 - 16th Century Italian Literature

Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 34100
3 hrs
3 cr.

ITAL 34800 - 17th and 18th Century Literature
Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 34900 - The Modern Italian Lyric

Pluralism and Diversity
PD/D
GER
3/A

From Leopardi to contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 35000 - The Modern Italian Novel

Pluralism and Diversity
PD/D
GER
3/A

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 35100 - The Modern Italian Theatre

GER
3/A

Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.
ITAL 36000 - The Middle Ages: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 36100 - The Renaissance: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 36200 - The 17th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 36300 - The 18th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 36400 - The 19th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
ITAL 36500 - The 20th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 37000 - Italian Literature: Special Topics

GER
3/A

Topics to be offered may include individual authors, themes, genres, movements, or approaches.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100 or 34200 (depending on topic)
3 hrs
3 cr.

ITAL 37500 - Seminar in Italian Literary History

Strongly recommended for all Italian majors. Readings, discussion and reports.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 34100, 34200
3 hrs
3 cr.

ITAL 49500 - Independent Study in Italian Literature

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: perm dept. adviser
1-3 cr.

3 credits in Second Language Acquisition chosen from:

ITAL 39900 - Second Language Acquisition

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr.

- ITAL 49500 - Independent Study in Italian Literature

Education Requirements (27 credits)

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr.

SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

SEDG 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.
3 hrs
3 cr.

SEDG 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12
The nature of language, and language acquisition/learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.

**prereq or coreq:** SEDF 20300, 20400
3 hrs
3 cr.

**SEDC 22000 - Adolescent Health and Safety**

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

**prereq:** SEDF 20300, 20400
1 hr
1 cr.

**SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12**

Standards that impact on the teaching of foreign/heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.

**prereq:** SEDC 21200
**prereq or coreq:** SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

**SEDCP 34100 - Adolescent Fieldwork**

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

**coreq:** SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

**SPED 30800 - Teaching Students with Special Needs in Inclusive Settings**

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational
Theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

**prereq:** QSTA 40080 or QSTAP 40080

--- or ---

**prereq or coreq:** SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200

**SEDCP 45260 - Student Teaching in Italian, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Italian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

**prereq:** SEDC 32200

**prereq or coreq:** SEDF 20600

2 hrs per week, 60 days student teaching plus workshops and conferences

5 cr.

**School of Education Exit Standards**

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

**Teaching Languages Other Than English: Spanish, Grades 7-12 - BA**

The BA program in Adolescent Teaching Languages Other Than English leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

**Declaring the Major**
Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Spanish.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Course of Study

Academic Plan: SPANAED-BA

Credits: 60 - 72

Spanish Requirements (33-45 credits)
1. Introductory Spanish (0-12 credits)

Students who demonstrate proficiency in Spanish through a placement exam or prior study may be exempted from some courses at the 100 and 200 level.

**SPAN 10100 - Elementary Spanish I**

Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**SPAN 10200 - Elementary Spanish II**

Language lab mandatory.
Spanish for English speakers.
*prereq: SPAN 10100 or one yr high school Spanish*

3 hrs
3 cr.

**SPAN 20100 - Intermediate Spanish I**

Language lab mandatory.
Spanish for English speakers.
*prereq: SPAN 10200 or two yrs high school Spanish*

3 hrs
3 cr.

**SPAN 20200 - Intermediate Spanish II**

Language lab mandatory.
Spanish for English speakers.
*prereq: SPAN 20100 or three yrs high school Spanish*

3 hrs
3 cr.

-or-

**SPAN 10300 - Intensive Elementary Spanish**

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.

6 hrs
6 cr.

*may be substituted for SPAN 10100 and SPAN 10200*

**SPAN 20300 - Intensive Intermediate Spanish**

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr.

-or-

may be substituted for SPAN 20100 and SPAN 20200

SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish

Spanish for native speakers.
3 hrs
3 cr.

SPAN 10600 - Oral and Written Skills for Native Speakers of Spanish

Spanish for native speakers.  
prereq: SPAN 10500 or 20500 or perm dept.
3 hrs
3 cr.

SPAN 20700 - Intermediate Spanish for Native Speakers

Spanish for native speakers.  
prereq: SPAN 10600, 20600 or perm dept.
3 hrs
3 cr.

SPAN 20800 - Advanced Spanish for Native Speakers

Spanish for native speakers.  
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.

-and-

SPAN 21100 - Spanish Grammar and Composition

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.  
prereq: SPAN 20200 or 20300
3 hrs
3 cr.

-or-

SPAN 27000 - Spanish Composition for Spanish Speaking Students

prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.

2. Spanish Literature (12 credits)
SPAN 31100 - The Structure of Modern Spanish


Prereq: SPAN 21100 or permission of departmental adviser

3 hrs
3 cr.

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.

Prereq: SPAN 31100 or equiv.

3 hrs
3 cr.

SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.

Prereq or coreq: SPAN 31100 or dept. perm

3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A

Prereq: SPAN 34100
Coreq: SPAN 31200

3 hrs
3 cr.

3. Spanish Literature before the 19th Century (6 Credits)

SPAN 34300 - Spanish Literature of the Middle Ages

Pluralism and Diversity
PD/D
GER
3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the
short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the 12th Century, especially in Libro de buen amor.

**SPAN 34500 - Spanish Drama of the Golden Age**

Pluralism and Diversity
PD/D
GER
3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderón.

**SPAN 34600 - Cervantes**

Pluralism and Diversity
PD/D
GER
3/A

Don Quijote.

**SPAN 34900 - Spanish Prose of the Golden Age**

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.

**SPAN 35000 - Spanish Poetry of the Golden Age**

Pluralism and Diversity
PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
SPAN 35300 - Spanish Neoclassicism and Romanticism

Pluralism and Diversity
PD/D
GER
3/A

Representative works of Neoclassical and Romantic periods, including costumbrismo.

prereq: SPAN 34100
3 hrs
3 cr.

4. Latin American Literature (9 Credits)

At least 3 credits from this category must be in contemporary literature.

SPAN 36000 - Spanish-American Literature of the Colonial Period

GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36500 - Survey of Spanish-American Teatro
Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36600 - Contemporary Latin American Poetry

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36700 - Latin American Essay

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-American history.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36800 - Contemporary Latin American Narrative

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'Boom', novel of the dictator.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 37100 - Special Topics in Spanish-American Literature

May be repeated with different topic.

prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr.
5. One course chosen from the following (3 credits)

**SPAN 33500 - Spanish Civilization**

**Pluralism and Diversity**

**GER**  
3/A


*prereq: SPAN 20800, 21100 or dept. perm*

3 hrs  
3 cr.

**SPAN 33600 - Latin American Civilization**

**GER**  
3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.

*prereq: SPAN 20800, 21100 or dept. perm*

3 hrs  
3 cr.

6. One course in Second Language Acquisition (3 credits)

**SPAN 39900 - Second Language Acquisition**

*prereq: at least three courses at the 300-level in the language; ENGL 12000*

3 hrs  
3 cr.

**SPAN 49500 - Independent Study in Hispanic Literature**

**Pluralism and Diversity**

**PD/D**

*prereq: perm dept.*

1-3 cr.

---

**Education Requirements (27 credits)**

**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr.

SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.
3 hrs
3 cr.

SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

The nature of language, and language acquisition/learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr.

SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.

prereq: SEDC 21200
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080
-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200
3
3
SEDCP 45280 - Student Teaching in Spanish, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Spanish teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Theatre - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement[CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement. In the case of the Theatre major, the courses that meet CCC are:

THEA 10100 - Introduction to Theatre

Hunter Core
Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.
3 hrs
3 cr.

THEA 21100 - World Theatre I (W)
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.

**THEA 21200 - World Theatre II (W)**

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.

prereq: ENGL 12000, THEA 10100

3 hrs

3 cr.

**THEA 21300 - World Theatre III (W)**

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.

prereq: ENGL 12000, THEA 10100

3 hrs

3 cr.

Courses Required for the Major (30 credits)

**THEA 10100 - Introduction to Theatre**

Hunter Core
Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.

3 hrs

3 cr.
THEA 16100 - Acting I: Basic Acting Techniques

For intended majors and non-majors. Exploration of the fundamentals of acting technique through exercises and improvisation.

coreq: 
3 hrs
3 cr.

THEA 21100 - World Theatre I (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.

prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.

prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21300 - World Theatre III (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.

prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 25100 - Theatre Production
Introduction to the theory and practice of theatrical production. Includes required practical work on departmental productions.

\textit{prereq: THEA 10100 or perm instr.}

\textbf{THEA 26100 - Acting II: American Realism}

\textbf{GER}

\textbf{3/A}

Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism.

\textit{prereq: THEA 16100 or perm instr.}

\textbf{4 hrs}

\textbf{3 cr.}

\textbf{THEA 32100 - Play Analysis (W)}

\textbf{Pluralism and Diversity}

\textbf{PD/D}

\textbf{GER}

\textbf{3/A}

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.

\textit{prereq: THEA 21100 or 21200 or 21300}

\textbf{3 hrs}

\textbf{3 cr.}

\textbf{THEA 28100 - Visual Elements of Theatre}

\textbf{GER}

\textbf{3/A}

Introduction to the theory and practice of various design elements and their contribution to theatrical production. Includes practical work on departmental productions.

\textit{prereq: THEA 10100}

\textbf{5 hrs}

\textbf{3 cr.}

- Electives chosen from 300-level courses 6 cr.
- 2 production crews (not-for-credit)

plus one course selected from the following:

\textbf{THEA 38100 - Scene Design I}

\textbf{GER}

\textbf{3/A}

Theory and practice of scenic design for the stage. Includes practical work on departmental productions.

\textit{prereq: THEA 28100}
THEA 38300 - Costume Design I

GER
3/A

Theory and practice of costume design for the stage. Includes practical work on departmental productions.

*prereq: THEA 28100

THEA 38400 - Stage Lighting Design

GER
3/A

Principles, techniques, and practice of lighting for theatre, emphasizing its contribution to dramatic interpretation.

*prereq: THEA 28100

THEA 38500 - Production Design I for Theatre, Film, and Television

GER
3/A

Theory and practice in scenic design for theatre, film, and television.

*prereq: THEA 10100 or FILM 10100 and THEA 28500

THEA 38700 - Concepts of Light in Theatre, Film, and Television

GER
3/A

The aesthetics, styles, conventions, and vocabulary of lighting in theatre, film, and television: how light establishes style, mood, rhythm, and atmosphere as interpretive elements of performance.

*prereq: THEA 28100 or THEA 28500

Honors

Open to any qualified junior or senior with a 3.5 GPA in Theatre and an overall minimum GPA of 2.7 and permission of the chair. Individual work under faculty supervision. Departmental honors granted at graduation.

Degree Map for Theatre
Degree Map for Theatre

**Track A: Urban and Social Geography (30 credits)**

Five courses from the list below (15 credits)

- GEOG 22100 Economic Geography and Globalization
- GEOG 24100 Population Geography (W)
- GEOG 24300 Urban Geography
- GEOG 24700 Cultural Geography
- GEOG 25000 Geographic Research Methods
- GTECH 20100 Introduction to Geographic Information Science

Two courses with a GEOG 30600 course number (6 credits)

- GEOG 30600 Special Topics in Contemporary Regional Geographies

Three courses with a GEOG 30500, GEOG 38300, or GTECH 38500 course number (9 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

- GEOG 30500 Special Topics in Urban and Regional Dynamics
- GEOG 38300 Special Topics in Geography
- GTECH 38500 GIS Applications

**Note:**
Most GEOG 30600 courses have GEOG 15000 or permission of instructor as a prerequisite. GEOG 30500 courses have GEOG 24300 or permission of instructor as a prerequisite. GTECH 38500 courses have GTECH 20100 as a prerequisite.

**Track B: Physical and Environmental Geography (30 credits)**

a) The following 15 credits

- PGEOG 21200 Geography of Soils and Vegetation
- PGEOG 25000 Earth System Science I (W)
- GEOL 23100 Principles of Geomorphology
- GTECH 20100 Introduction to Geographic Information Science
- GTECH 20300 Introduction to Remote Sensing
b) Five 300-level courses with a PGEOG, GEOL, and/or GTECH prefix with advice and approval of the undergraduate advisor as appropriate to student interests and professional goals (15 credits)

**Track C: Geographic Information Science (30 credits)**

The following 9 credits:

**GTECH 20100 - Introduction to Geographic Information Science**

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15  
**prereq:** MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500  
6 hrs (2 lec, 4 lab)  
4 cr.  
*Offered fall and spring*

**GTECH 20300 - Introduction to Remote Sensing**

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: $15  
**prereq:** GTECH 20100  
6 hrs (2 lec, 4 lab)  
4 cr.

**GEOG 25000 - Geographic Research Methods**

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.

**prereq:** ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course  
3 hrs  
3 cr.

The following 15 credits:

**GTECH 30100 - Quantitative Methods in Geography**
Open to Jr/Sr only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.

 prerequisites: GTEC 201, STAT 113 or 213 or perm instr.

3 hrs

3 cr.

GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.

Material Fee: $15

 prerequisites: GTEC 32000 or perm instr.

4 hrs (2 lec, 2 lab)

3 cr.

GTECH 32200 - Digital Image Processing

Course emphasizes the acquisition and nature of digital image data and the tools required to process and analyze remotely sensed data. Topics include: image preprocessing, spectral mixture analysis, image transformation, image classification and accuracy assessment, change detection, information extraction from LIDAR and radar. At least one application for each image processing method will be introduced. This is an advanced remote sensing course. The course includes lab exercises through which students will obtain hands-on experience in digital image processing. The labs include practical assignments and computer-based analysis of remotely-sensed images, and also field work to evaluate the results. The lab will use ENVI, an image processing software, together with the comprehensive data analysis tool IDL.

Material fee: $15.00

 prerequisites: GTEC 32100, and multivariate statistics, elementary linear algebra or perm instr.

4 hrs (2 lec, 2 lab)

3 cr.

GTECH 36100 - GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee: $15

 prerequisites: GTECH 20100

4 hrs (2 lec, 2 lab)

3 cr.

GTECH 38000 - Introduction to Cartographic Design and Geovisualization

This course explores fundamental design concepts and considerations in map production and presentation in the context of GIS. Students will combine computer graphics and cartographic design principles to develop visual representations
and analysis of geospatial information.

Material Fee: $15

prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

- Two additional 300-level GTECH courses with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

Note:

GTECH 30100 has GTECH 20100 and STAT 11300 or STAT 21300 as prerequisites. Selected GTECH 38500 courses have GEOG or PGEOG prerequisites in addition to GTECH 20100.

Track D: Sustainability Studies (30 credits)

Five courses from the list below (15 credits):

GEOG 22100 - Economic Geography and Globalization

GER
2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen

prereq: GEOG 10100 or perm instr.
3 hrs
3 cr.
Offered fall and spring

GEOG 24500 - Geography of Development

Introduction to geographic concepts, methods, and theories of development, as well as failures and challenges for development in a changing world.

prereq: ENGL 12000, and GEOG 10100 or GEOG 15000 or permission of instructor
3 hrs
3 cr.

GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B
Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

GEOG 24300 - Urban Geography

GER
3/B
Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B
Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

WGSL 20017 - Globalization and Gender
Globalization has been the subject of intense debate within both academic and journalistic spheres. These debates have questioned whether globalization 'works for the greater good or not.' In this course we will examine globalization critically by looking at some of the academic debates. We will examine the claim that globalization has heralded the end of the nation-state, review the implications of globalization on gender and sexuality, and consider the formation of a 'global middle class.'

**prereq:** WGS 10000 and ENGL 12000
3 hrs
3 cr.

The following 9 credits:

**GEOG 38300 - Special Topics in Geography**

GER
3/B

Open to Jr/Sr only. Topics to be announced.
*prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.*
1-4 hrs (lec or lec/lab)
1-3 cr

**GEOG 37000 - Geography of Sustainable Development in Developing Countries**

Pluralism and Diversity
PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
*prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.*
3 hrs
3 cr.

**GEOG 37100 - Rural Water Supply in Developing Regions**

Pluralism and Diversity
PD/A
GER
3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.
*prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.*
3 hrs
3 cr.
Two courses with a GEOG 30500, GEOG 30600, GEOG 38300 or GTECH 38500 course number (6 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals.

* Note: GEOG 38328 Environmental Ethics is the required course; no other 38300 course will be acceptable.

Urban Studies - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Urban Studies major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>URBS 10100</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
<tr>
<td>URBS 10200</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (30 credits)

Urban studies majors must complete 30 credits of courses that provide a rigorous background that will make students competitive job seekers or graduate school applicants. The core includes an introductory course as well as classes about the city's physical structure, public policies and research methods, both qualitative and quantitative. The urban studies core provides a foundation for more advanced courses. In addition to the core and advanced courses, the major requires an internship, elective courses, and interdisciplinary set of classes from several social science disciplines, e.g., political science, history, and economics.

A. Urban Studies Core (15)

URBS 10100 - Urban Life: Personal and Observational View (W)

- Hunter Core
- Individual & Society - Social Science I&S SS
- GER
- 2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.

3 hrs

3 cr.
URBS 10200 - Structure of Urban Region (W)

Hunter Core
Individual and Society Social Science (I&S SS)
GER
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy.
prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.
3 hrs
3 cr.

URBS 20100 - Urban Plans and Policies

GER
2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), “politics/power,” the role of non-profits in urban planning and policy making.
prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.
3 hrs
3 cr.

URBS 31000 - Methods of Urban Research and Policy Analysis

GER
3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
3 cr.

URBS 31100 - Quantitative Approaches to Urban Analysis

GER
3/B

A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.
prereq: Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.
3 hrs
3 cr.

B. Urban Studies Electives (6)

Any two (2) 400-level courses in Urban Studies may fulfill this requirement
Examples:

**URBS 40100 - Managing Urban Physical Environment**

**GER**

3/B

Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.

*prereq: URBS 20100 or perm instr.*

3 hrs

3 cr.

**URBS 40200 - Urban Studies Studio**

**GER**

3/B

This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.

*prereq: URBS 20100 or perm instr.*

3 hrs

3 cr.

**URBS 40300 - Selected Topics in Urban Affairs**

**GER**

3/B

Intensive examination or investigation of specialized topics or new developments in literature and research.

3 hrs

3 cr.

**C. Fieldwork Component 3 cr**

**URBS 40900 - Urban Studies Internship**

**GER**

3/B

Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.
3 hrs
3 cr.

D. Basic Social Science Component 6 cr

Select two from:

**AFPRL 38400 - Poverty in Society (W)**

**GER**
3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.

*prereq: successful completion of any 2 AFPRL courses*

3 hrs
3 cr.

**AFPRL 42000 - The Black Church and Social Change**

**GER**
3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.

*prereq: AFPRL 20300 or 20400 or 20500 or perm instr.*

3 hrs
3 cr.

**ECO 33000 - Economic Development**

**Pluralism and Diversity**

**PD/A**

**GER**
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.

*prereq: ECO 20000*

3 hrs
3 cr.

**GEOG 22700 - Environmental Conservation: Urban Problems**

**GER**
3/B

Covers topics related to environmental problems and their connection to urban areas. The course will begin with a survey of urban systems (transport, water, food, waste and energy) followed by investigating how these systems contribute to environmental problems and their solutions. This investigation will also include a discussion about the connections between rural and urban areas and urban planning that attempts to minimize environmental hazards.
GEOG 24300 - Urban Geography
GER
3/B
Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

_prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GEOG 35700 - Geography of New York City and Vicinity
GER
3/B
An assessment of the role geography has played in the development and the functioning of the NYC Metropolitan Area. The region's physical site and situation, changing land use, population distribution, transportation patterns and environmental concerns. Active fieldwork required. (Alternative field assignments for students who have accessibility challenges documented with the Office of Accessability.)

Open to Jr/Sr only.
_prereq: GEOG 10100 or GEOG 15000
3 hrs
3 cr.
Offered fall.

HIST 31700 - History of the American City
Pluralism and Diversity
PD/D
GER
3/B
History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

POLSC 21200 - Urban Politics (W)
GER
3/B
Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform.
_prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

SOC 21100 - Urban Sociology

GER
3/B

The relationships of space and society, with special attention to the nature and problems of urban life.
prereq: SOC 10100
3 hrs
3 cr.

SOC 21700 - Race and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.
prereq: SOC 10100
3 hrs
3 cr.

SOC 21800 - Social Inequality

GER
3/B

Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.
prereq: SOC 10100
3 hrs
3 cr.

SOC 23500 - Community Organization and Action

GER
3/B

Evaluation of specific local and national action programs.
prereq: SOC 10100
3 hrs
3 cr.

URBS 40100 - Managing Urban Physical Environment

GER
3/B
Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.

*prereq: URBS 20100 or perm instr.*
3 hrs
3 cr.

**URBS 40200 - Urban Studies Studio**

**GER**
3/B

This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.

*prereq: URBS 20100 or perm instr.*
3 hrs
3 cr.

**URBS 40300 - Selected Topics in Urban Affairs**

**GER**
3/B

Intensive examination or investigation of specialized topics or new developments in literature and research.
3 hrs
3 cr.

**Additional Information**

*Students should consult with a program advisor to choose 6 credits (2 courses) of upper-level social science classes appropriate to students' interest. This component can also be met by another 300- or 400-level urban-related course, if approved by the undergraduate advisor.*

**Departmental Honors: Eligibility Criteria**

Overall GPA: 3.2 and above

Major GPA: 3.5 and above

**Graduate Courses**

The following graduate courses are open to senior urban studies majors. Other graduate-level courses may be taken by seniors with permission of the instructor:

URBP 70100 History and Theory of Urban Planning

URBG 70200 Structure of the Urban Region
In addition to these two courses, there are cross-listed classes, offered each semester, that are open to undergraduate students.

**Degree Map**

Degree Map for Urban Studies

**Women and Gender Studies - BA**

A major in Women and Gender Studies (WGS) trains students to explore gender and its relation to other identity markers such as race, class, ethnicity, sexuality, nation, and religion. By learning and applying intersectional feminist analysis, WGS majors study processes of social and identity formation; how they shape the human experience, and how they produce structures of power and domination. Throughout a rigorous interdisciplinary course of study, WGS majors are expected not only to re-examine the historical record to make visible the experiences of disenfranchised groups but also connect feminist theories to current and concrete social and political contexts.

**Hunter Core Requirement**

One course within this major may fulfill parts of the Hunter Core Requirement (CUNY C)

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGS 10000</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
<tr>
<td></td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
<tr>
<td>WGSA 29000</td>
<td></td>
</tr>
<tr>
<td>WGSC 29000</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
<tr>
<td>WGSL 29000</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
<tr>
<td>WGSS 29000</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
<tr>
<td>WGST 29000</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
<tr>
<td>WGSS 29300</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
</tbody>
</table>

**Courses Required for the Major (27 credits)**

The 27 required credits are distributed as follows:
Core 12 cr

WGS 10000 - Introduction to Gender and Sexuality Studies

Hunter Core
Individual and Society - Social Sciences (I&S SS)
Pluralism and Diversity
PD/C
GER
2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.

3 hrs
3 cr.

WGS 20100 - Classics in Feminist Thought (W)

Pluralism and Diversity
PD/C
GER
3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.

prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr.

WGS 24400 - Transnational Feminisms

Pluralism and Diversity
PD/C
GER
3/A or B

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.

prereq: WGS 10000, ENGL 12000
WGS 31000 - Research Seminar: Feminist Theory and Methodology

Open to Jr/Sr only. Study of the theoretical models that feminist scholars create to guide their work and application of feminist methodology to a research project. To graduate with honors in Women's Studies, majors must enroll in this seminar.

Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar.

Prereq: WGS 10000, 20100, at least one other WGS course at 200-level or higher

Area of Concentration - 9 Credits

Students will choose one from among the 6 areas of concentration listed as follows:

- Area of Concentration 1: Feminist Thought and Theory (WGST)
- Area of Concentration 2: Sexualities (WGSS)
- Area of Concentration 3: Gender & Public Policy (WGSP)
- Area of Concentration 4: Labor, Migration and Globalization (WGSL)
- Area of Concentration 5: Women and Gender across Cultures (WGSC)
- Area of Concentration 6: Gender, Literature and the Arts (WGSA)

Electives - 6 credits

Students will be required to take two elective classes (6 credits). One (3 credits) of the two elective classes MUST be in a different Area of Concentration than their primary one.

At least one of the classes in student's Area of Concentration or electives must be 300 level or above.

Minor in Women and Gender Studies - 12 credits

The Minor in Women and Gender Studies requires students to take 12 credits: Introduction to Gender and Sexuality Studies (WGS 10000), Classics in Feminist Thought (WGS 20100), Transnational Feminisms (WGS 24400) and one elective course from one of the six areas of concentration. WGS 10000 - Introduction to Gender and Sexuality Studies, must be completed before WGS 20100 - Classics in Feminist Thought (W) and WGS 24400 - Transnational Feminisms.

Research Seminar

Majors may satisfy the Senior Seminar requirement of the major by enrolling in the Research Seminar (WGS 31000). This course serves as a capstone course in which WGS majors apply feminist theory and methodology to develop an original research project resulting in a substantial paper.

Honors
In order to graduate with honors in Women and Gender Studies, a student must have a 3.5 GPA in the Women and Gender Studies major and a college-wide cumulative index of at least 3.0. Students should submit a 18-20 page paper written for any Women and Gender Studies 300 level class including but not limited to the Research Seminar (WGS 31000). The student must submit the paper by March 30 (for June graduation) and October 30 (for December graduation) to be considered for program honors. A faculty committee will read submitted papers and determine whether they merit honors.

Degree Map

Degree Map for Women and Gender Studies

Adolescent Biology, Grades 7-12 - BA/MA

The BA/MA program in Adolescent Biology Education leads to initial certification as a teacher in New York State.

This bachelor's / master's program in adolescent education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Biology.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
• Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
• Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
• Any student who receives a grade of F in any education course will not be permitted to continue in the program.
• Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

In the case of Biology, the courses that meet CCCR are:

• BIOL 10000 (STEM) - Principles of Biology I
• BIOL 10200 (STEM) - Principles of Biology II

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: BIOAE-BAMA

Credits: 108 - 127

Biology Requirements (67-83 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

Math Courses (3-17 credits)

• MATH 10100 - Algebra for College Students*
  - or -
• MATH 101EN - Algebra for College Students - Enhanced*
• MATH 10150 - Mastery of Symbolic Computation*
  - or -
• MATH 12400 (STEM) - College Algebra and Trigonometry*
- MATH 12500 (STEM) - Precalculus*
  - or -
- MATH 12550 (STEM) - Precalculus with Workshop*

- MATH 14000 - Mathematical Reasoning Workshop * unless students earn a grade of B- or above in MATH 12550

- MATH 15000 (STEM) - Calculus I*
  - and -
- MATH 15500 (STEM) - Calculus II*
  - or -
- MATH 15200 (STEM) - Calculus for Life and Social Sciences*
  - and -
- STAT 21300 (STEM) - Introduction to Applied Statistics*

A. Introductory Biology (9)

- BIOL 10000 (STEM) - Principles of Biology I
- BIOL 10200 (STEM) - Principles of Biology II

B. 200-level and higher Concentration in Biology and additional courses (55-57 credits)

1. Required Courses (44-46)

- BIOL 20300 - Molecular Biology and Genetics
- BIOL 30000 - Biological Chemistry
- BIOL 30300 - Cell Biology
- CHEM 10200 (STEM) - General Chemistry I*
- CHEM 10400 (STEM) - General Chemistry II*
- CHEM 10600 (STEM) - General Chemistry Laboratory*
- CHEM 22200 - Organic Chemistry Lecture I*
- CHEM 22300 - Organic Chemistry Laboratory I*
- CHEM 22400 - Organic Chemistry Lecture II

- PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*
  - and -
- PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics*
  - or -
- PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*
  - and -
2. Electives (11 credits)

Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, at least one special-topics course must be taken (BIOL 47000 or BIOL 47100 or BIOL 79000; various topics offered each semester) in addition to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major (e.g. BIOL 12000, BIOL 12200 and BIOL 23000). Please read the course descriptions carefully to identify those courses. If you have any questions about which courses can be used as major electives, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits are taken as a BIOL 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course. Laboratory research credits can also be obtained from BIOL 61000.

Graduate Biology Courses (15-17 credits)

For course descriptions please see the graduate catalog.

- BIOL 61055 - Laboratory Workshop in Biology Education (4)
- BIOL 63000 - Science and Society (3)
- American Museum of Natural History CUNY credit course: Genetics, Genomics or Evolution

Category A:
For students who have completed molecular biology and molecular genetics at the undergraduate level. Choose one:

- BIOL 70000 – Genetics (4)
- BIOL 710LC - Molecular Biology Lecture (5)
- BIOL 71400 - Cell Biology (4)
- BIOL 75003 - Developmental Biology (4)

Category B:
For students who have not taken either molecular biology or molecular genetics at the undergraduate level. Students must take both courses below:

- BIOL 60000 - Molecular Biology for Science Teachers (3)
- BIOL 60210 - Molecular Genetics for Science Teachers (3)

Education Requirements (26-27 credits)
For course descriptions please see the graduate catalog.

- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7-12
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings

- Take either -

- SEDC 75401 - Student Teaching in Biology, Grades 7–12 (5)
- Or -

- SEDC 77411 - Practicum in Biology, Grades 7–9 (2)

-Plus-

- SEDC 77421 - Practicum in Biology, Grades 10-12 (2)

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Chemistry, Grades 7-12 - BA/MA

The BA/MA program in Adolescent Chemistry Education leads to initial certification as a teacher in New York State.

This bachelor's / master's program in adolescent education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.
The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Chemistry.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.

In the case of the Mathematics, the courses that meet CCCR are:

- MATH 12500 (STEM) - Precalculus
- CHEM 10200 (STEM) - General Chemistry I
- CHEM 10400 (STEM) - General Chemistry II
- CHEM 10600 (STEM) - General Chemistry Laboratory
- CHEM 11100 (STEM) - Chemical Principles
- CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: CHEMT-BAMA
Credits: 103 - 116

Chemistry Requirements (62-74 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

Choose One General Chemistry Sequence (11 credits)

- CHEM 10200 (STEM) - General Chemistry I
- CHEM 10400 (STEM) - General Chemistry II
- CHEM 10600 (STEM) - General Chemistry Laboratory
- OR-
- CHEM 11100 (STEM) - Chemical Principles
- CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Organic Chemistry (13 cr.)

- CHEM 22200 - Organic Chemistry Lecture I and CHEM 22300 - Organic Chemistry Laboratory I
- CHEM 22400 - Organic Chemistry Lecture II and CHEM 22500 - Organic Chemistry Laboratory II

Additional Required Courses (12 cr.)

- CHEM 24900 - Quantitative Analysis
- CHEM 35200 - Physical Chemistry I
- CHEM 35400 - Physical Chemistry II - F
- CHEM 35600 - Physical Chemistry II
- CHEM 35500 - Physical Chemistry Laboratory I
- CHEM 35700 - Physical Chemistry Laboratory II

Required elective course (3-5 credits)

- Any chemistry course at the 300 level or above excluding CHEM 49101

Required Math Courses (12-22 credits)
• MATH 10100 - Algebra for College Students *

or

• MATH 101EN - Algebra for College Students - Enhanced *

• MATH 10150 - Mastery of Symbolic Computation *

• MATH 12400 (STEM) - College Algebra and Trigonometry *

or

• MATH 12500 (STEM) - Precalculus *

or

• MATH 12550 (STEM) - Precalculus with Workshop *

• MATH 14000 - Mathematical Reasoning Workshop * unless students earn a grade of B- or above in MATH 12550

• MATH 15000 (STEM) - Calculus I *

• MATH 15500 (STEM) - Calculus II *

• MATH 15600 - Introduction to Mathematical Proof Workshop *

• MATH 25000 - Calculus III *

Required Physics Courses (11 cr.)

• PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*

• PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics*

*These courses may be counted for credit in more than one program.

Graduate Chemistry Courses (Minimum of 15 credits)

• CHEM 65500 - Demonstrations, Models, and Technology (3)

• CHEM 63000 - Science and Society (3)

• CHEM 66000 - Challenging Concepts in Chemistry (4)

• Two electives chosen from 600- or 700-level courses in chemistry or biochemistry (At least 5 credits)

For students who have not taken physical chemistry, one of the electives must be:

• CHEM 65000 - Biophysical Chemistry (4)

Education Requirements (26-27 credits)

For course descriptions please see the graduate catalog.
• SEDF 70300: Social Foundations of Education: Grades 7-12
• SEDF 70400: Adolescent Development
• SEDF 70500: Educational Psychology: Applications in Grades 7-12
• SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
• SEDC 71000: Building the Foundations of Literacy in Grades 7-12
• SEDC 72000: Adolescent Health and Safety
• SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
• SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7-12
• SPED 70800: Teaching Students with Special Needs in Inclusive Settings

- Take either -

• SEDC 75402 - Student Teaching in Chemistry, Grades 7–12 (5)
- Or -

• SEDC 77412 - Practicum in Chemistry, Grades 7–9 (2)
- Plus -

• SEDC 77422 - Practicum in Chemistry, Grades 10–12 (2)

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

• Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Earth Science, Grades 7-12 - BA/MA

The BA/MA program in Adolescent Earth Science Education leads to initial certification as a teacher in New York State.

This bachelor's / master's program in adolescent education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.
Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Environmental Studies Earth Science Concentration.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019

In the case of the Environmental Studies major, the courses that meet CCCR are:

GEOL 10100 - Introductory Geology Lab
PGEOG 13000 (STEM) - Weather and Climate

Please note that no more than two courses from any one department will count for the CUNY Common

Course of Study

Academic Plan: ESCAE-BAMA
Earth Science Requirements (61-70 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

1. Math (0-8 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

-or-

**MATH 101EN - Algebra for College Students - Enhanced**

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

*prereq: Department Permission*

6 hrs

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

*Hunter Core*

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in
trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

**prereq:** MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.

*Not open to students who have taken MATH 12500 or MATH 12550.*

4 hrs
4 cr.

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

**prereq:** grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs
4 cr.

**MATH 12550 (STEM) - Precalculus with Workshop**

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem.

In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

**prereq:** MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. *Not open to students who have taken MATH 12500*

5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

2. **Introductory Geography (3-4 credits)**

These courses are prerequisites to PGEOG 25000. Either of these courses, or GEOG 22600 is acceptable.

**GEOL 10100 - Introductory Geology Lab**

**Hunter Core**
Life & Physical Sciences

**GER**
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr.

-or-

PGEOG 13000 (STEM) - Weather and Climate

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

Material Fee: $5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

3. Required courses including Capstone (24 credits)

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.
CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B
Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PGEOG 25000 - Earth System Science I (W)

GER
3/B
In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.
prereq: ENGL 12000
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr.

PGEOG 25100 - Earth System Science II

GER
3/B
The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr.

Required Capstone course

**PGEOG 49000 - Honors in Environmental Studies**

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

*prereq: perm dept.*

-or-

**PGEOG 49800 - Internship in Environmental Studies**

Open to qualified environmental studies majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.

1-4 cr.

4. **Electives (18 credits)**

A minimum of 18 credits from the list below. 12 credits must be taken at the 300-level or higher.

Note: It is strongly recommended that students take STAT 11300 - Elementary Probability and Statistics

**GEOL 20500 - Environmental Geology**

**GER**

3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.

*prereq: GEOL 10100*  
3 hrs  
3 cr.

**GEOL 28000 - Marine Geology**

**GER**

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?," "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how
sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.

prereq: GEOL 10200 or perm instr.
3 hrs
3 cr.
Fall

GEOL 38000 - Advanced Oceanography: Physics of the Oceans

GER
3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean. Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.

prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr.

GEOL 38300 - Special Topics in Geology and Oceanography

GER
3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.

prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15

prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and
the Earth’s surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.

Material Fee: $15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

GTECH 36100 - GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee: $15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

PGEOG 31300 - Biogeography

GER
3/B

Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.

prereq: PGEOG 13000, GEOG 10100 or BIOL 10000/10200
3 hrs
3 cr.

PGEOG 33200 - Introduction to Hydrology

GER
3/B

Designed to provide the basic understanding of how water on the Earth moves, distributes, circulates and interacts with the environment. Focus will be on hydrological processes including precipitation, evapotranspiration (evaporation and transpiration), soil water, ground water, and runoff, which form the complete water cycle at global, regional and watershed scales. The course will also cover some topics on how water responds to environmental changes and strategies of integrated water resources.

prereq: GEOL 10100, PGEO 13000 or perm instr.
3 hrs
3 cr.
PGEOG 33500 - Urban and Metropolitan Coasts

GER
3/B

A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.

prereq or coreq: Prereq: GEOL 10100 or GEOG 10100
3 hrs
3 cr.

PGEOG 36100 - Global Climatic Change

GER
3/B

Open to Jr/Sr only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.

prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr.

PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.

prereq: PGEO 13000 or equiv.
prereq or coreq: PGEOG 13000 or equiv.
3 hrs
3 cr.

PGEOG 38300 - Special Topics in Environmental Studies

GER
3/B

Open to Jr/Sr only. Topics to be announced.

prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.
5. Graduate Earth Science Courses (16 credits)

For course descriptions please see the graduate catalog.

- PGEOG 70563 - Earth Science Today
- GTECH 71000 - Concepts and Theories in GeoInformatics
- PGEOG 63000 - Science and Society
- PGEOG 66000 - Challenging Concepts in Earth Science: Using Research to Identify Common Misconceptions and Assess Student Learning
- One elective chosen from 600- or 700-level courses with a PGEOG or GTECH prefix, 3 or 4 crs. Students lacking a significant background in geology or earth science may be required to take PGEOG 70564 - Introducing Earth Science at the Museum of Natural History as their elective:

Education Requirements (26-27 credits)

For course descriptions please see the graduate catalog.

- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7-12
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings
- SEDC 75404: Student Teaching in Grades 7-12: Earth Sciences
- or -

- SEDC 77414 - Practicum in Earth Science, Grades 7–9
- Plus -

- SEDC 77424 - Practicum in Earth Science, Grades 10–12

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Mathematics, Grades 7-12- BA/MA
The BA/MA program in Adolescent Mathematics Education leads to initial certification as a teacher in New York State.

There are two tracks:

- Track I Mathematics
- Track II Statistics

This bachelor's / master's program in adolescent education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Mathematics or Statistics.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.

In the case of the Mathematics, the courses that meet CCCR are:

- MATH 12500 (STEM) - Precalculus
- MATH 15000 (STEM) - Calculus I
- MATH 15500 (STEM) - Calculus II
- STAT 21300 (STEM) - Introduction to Applied Statistics

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: MATAE-BAMA

Credits: 75 - 92

Mathematics Requirements (33/34 - 50 credits)

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

The following courses may be counted for credit in more than one program: MATH 101, 101EN, 10150, MATH 124, 125, 125, 140, 150, 155, 156, 250; STAT 213, 311

- Mathematics Track (34-50 credits)
- Statistics Track (33-50 credits)

Graduate Mathematics Courses (15 credits)

- Graduate Mathematics Courses (15 credits)

Education Requirements (27 credits)

- SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)
- SEDF 20400 - Adolescent Development
- SEDF 20500 - Educational Psychology: Applications in Grades 7-12
- SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 21000 - Building the Foundations of Literacy in Grades 7-12
- SEDC 22000 - Adolescent Health and Safety

Additional Education Courses for BA/MA in Adolescent Mathematics. For course descriptions please see the graduate catalog.
• SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
• SEDC 72300: Methods II: Intensive Study of Teaching Diverse Learners in Mathematics, Grades 7-12
• SEDC 7530: Student Teaching in Grades 7-12: Mathematics
• SPED 70800: Teaching Students with Special Needs in Inclusive Settings

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

• Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Physics, Grades 7-12 - BA/MA

The BA/MA program in Adolescent Physics Education leads to initial certification as a teacher in New York State.

This bachelor's / master's program in adolescent education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Physics.
5. Participation in a group interview.
Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019

In the case of the Physics, the courses that meet CCCR are:

- PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: PHYAE-BAMA

Credits: 97 - 114

Physics Requirements (54-71 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Physics department for details.

The following courses may be counted for credit in more than one program: MATH 101, 101EN, 10150, MATH 124, 125, 125, 140, 150, 155, 156, 250; CHEM 102, 104, 106

A. Introductory Physics: Two Semesters (11 credits)

- PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
B. Concentration in physics courses at the 200 level and higher (22-24 Credits)

- PHYS 22100 - Electronics
- PHYS 33400 - Intermediate Electricity and Magnetism
- PHYS 33500 - Intermediate Mechanics
- PHYS 22200 - Electronics Laboratory
- PHYS 23000 - Classical Physics Laboratory
- PHYS 23500 - Modern Physics Laboratory
- PHYS 38500 - Numerical Methods I
- PHYS 48500 - Numerical Methods II

C. Required Math & Chemistry courses (21-36 credits)

- MATH 10100 - Algebra for College Students
  or
- MATH 101EN - Algebra for College Students - Enhanced
  
- MATH 10150 - Mastery of Symbolic Computation
  
- MATH 12400 (STEM) - College Algebra and Trigonometry
  or
- MATH 12500 (STEM) - Precalculus
  or
- MATH 12550 (STEM) - Precalculus with Workshop
  
- MATH 14000 - Mathematical Reasoning Workshop unless students earn a grade of B- or above in MATH 12550
- MATH 15000 (STEM) - Calculus I
- MATH 15500 (STEM) - Calculus II
- MATH 25000 - Calculus III
- MATH 25400 - Ordinary Differential Equations
- CHEM 10200 (STEM) - General Chemistry I
- CHEM 10400 (STEM) - General Chemistry II
- CHEM 10600 (STEM) - General Chemistry Laboratory

NOTE: The chemistry courses may be substituted by one year of high-school-level chemistry.

Students preparing to teach physics are advised to include the following courses or their equivalents in their undergraduate program:

- ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises
- GEOL 10000 - Introduction to Geology
- BIOL 10000 (STEM) - Principles of Biology I
Graduate Physics Courses (16 Credits)

For course descriptions please see the graduate catalog.

- PHYS 63000 - Science and Society
- PHYS 66000 - Challenging Concepts in Physics: Using Research to Identify Student Misconceptions and Assess Student Learning
- Plus three electives (9 credits) from below –
  - PHYS 60500 - Mathematical Physics
  - PHYS 61500 - Electromagnetic Theory
  - PHYS 62500 - Introduction to Quantum Mechanics
  - PHYS 64500 - Solid State Physics
  - PHYS 68500 - Numerical Methods I

Note: 700-level physics courses offered at the Graduate Center can be substituted for 600-level courses with permission of the graduate adviser.

Education Requirements (27 credits)

For course descriptions please see the graduate catalog.

- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Classroom Organization, Management and Assessment of Instruction in Mathematics and Science Grades 7-12
- SEDC 72400: Methods II: Teaching Diverse Learners in Science, Grades 7-12
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings
- SEDC 75403: Student Teaching in Grades 7-12: Physics

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

BA/MA in Biological Sciences and Adolescent Education: Biology

This is an accelerated program leading to a BA in Biological Sciences and an MA in Adolescent Education: Biology. Undergraduates admitted to the program start graduate courses during their senior year and will be able to complete the
MA degree one year after they complete the requirements for the BA degree. Interested students should contact a Biology Department adviser early in their undergraduate career.

**Biological Sciences with Specialization in Biotechnology - Accelerated BA/MA**

In this five-year program, qualified biology majors begin graduate work as seniors and receive the MA one year after completing BA requirements. Students are provided with theoretical knowledge and skills in molecular biology and a foundation for application of these skills in careers in the biotechnology and pharmaceutical industries, academic research, or public health. Successful completion of the biotechnology workshop (BIOL 61000 see graduate catalog), an essential program component, entitles students to a summer internship in an industrial or private research laboratory. Interested biology majors should contact a departmental adviser as early as possible.

**Dance Pre-K - 12 - BA/MA**

The BA/MA program in PreK-12 Dance Education leads to initial certification as a teacher in New York State.

This undergraduate program is designed to prepare prospective teachers to serve as high-quality educators for students in urban schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

**Declaring the Dance PreK - 12 BA/MA major**

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty, including the coordinator of the BA/MA dance education program. The BA/MA Dance Education applicant should also set up a time for the Dance Education Coordinator, in consult with dance faculty, to be observed in a dance class. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter. The School of Education does not accept non-degree or second-degree students.

**Requirements to Declare the Major**

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
4. Formal declaration of a major in Dance.
5. Participation in a group interview.
Meeting minimum requirements to declare the major does not guarantee entry into the program.

Progress Standards

Dance Progress Standard

All dance majors must demonstrate proficiency to qualify for level 1 or higher in contemporary, ballet or hip-hop dance technique by the 5th semester of their college career. Inability to complete at least level 1 Contemporary, Ballet or Hip-Hop technique after 3 attempts will result in the student being removed from the major.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an undergraduate education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any Education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Graduate Academic Progress Standards

1. Minimum GPA for Retention - Graduate students must maintain a minimum cumulative GPA of 3.0 to remain at Hunter College. Students whose grades fall below this standard are required to raise their GPAs to at least 3.0 within one semester.
2. No F in the first two semesters—students who receive a grade of F or WU in any course in the first two semesters will not be allowed to continue in the program.
3. Progress holds due to Incomplete Grades - Students with two or more INCs will not be allowed to register for any courses.
4. Key Course Performance Standards
   - Students must receive a grade of at least a B in key program courses.
   - Students who receive a grade of F or WU in key program courses may not continue in the program.
   - Key Program Courses are identified by the label (KC) in the course title.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of Dance, the courses that meet CCCR are:
DAN 10200 - Dance in Culture

Hunter Core
Creative Expression (CE)
GER
GER 2/D

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs.
3 cr.

DAN 23200 - Global Dance History

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: N/A
3 hrs.
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: DANCE-BAMA

Sub-total = 86-94
Electives = 3
Total credits required = 89-97

Dance Requirements (42-50 credits)

Undergraduate Dance Curriculum of 42 credits is divided into 4 areas of study:
1. Dance Technique and Performance (20-24 credits)

- Four credits minimum of any style at level I (or the appropriate level for the ability of the student as determined in the placement class) (4)
- Four credits of dance technique any style level III (4)
- Eight credits of dance technique electives any style at level I or higher (8)

DAN 43200 - Repertory I

GER
3/A

Open to dance majors and minors only. Performance course for intermediate and advanced students. Students are expected to participate with high level of professionalism and focus. The choreographer and choreographic material change every semester. Some casting may be done via audition. May be taken two times for credit with permission of the department.

prereq: permission of dept.
3 hrs, 3 hrs open studio
1 cr.

DAN 44000 - Lecture/Demonstration Touring Group

GER
3/A

Performance of prescribed choreography in lecture/ demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin. May be taken two times for credit with permission of the department.

prereq: permission of dept.
4 hrs
2 cr.

*Note: Special topics courses change every semester offering differing styles and genres of dance technique.

2. Creative Work (11 credits)

DAN 12400 - Production Crew
Production Crew provides students with insights and firsthand experience as a participant in the physical production of theatre. This course allows students to build an understanding and appreciation of the practical function of theatrical production techniques.

prereq: permission of department
0.5 hrs
0.5 cr.

**DAN 22100 - Improvisation**

**GER**
3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.

prereq: Declaration of Dance Major or Dance Minor
4 hrs
1 cr.

**DAN 22400 - Stagecraft**

**GER**
3/A

This course focuses on the practical experience of dance production, including work backstage and other aspects of production. May be taken twice for credit with permission of the department.

prereq: perm dept.
3 hrs, 3 hrs open studio
1 cr.

**DAN 32100 - Composition I**

**Pluralism and Diversity**
GER 3/A

Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.

prereq: DAN 22100, permission of dept.
4 hrs, 2 hrs open studio
2 cr.

**DAN 42100 - Composition II**

**GER**
3/A

Continued application of basic principles of composition; conception, planning and realization of complete dances; preparation of dances for concert by integrating all aspects of production. Two additional hours of open studio are recommended for this course.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**prereq:** DAN 32100, perm dept.
4 hrs, 2 hrs open studio
2 cr.

**DAN 42200 - Dance Workshop**

**GER**
3/A

This advanced composition course provides a structure for continued choreographic practice leading to public performance. The course concentrates on development of individual artistic voice, refining effective rehearsal practices, and seeing a choreographic project to completion in terms of thematic material, methodology, visual design, and production best practices. May be taken twice for credit with permission of the department.

**prereq or coreq:** DAN 42100
4 hrs
2 cr.

**DAN 42400 - Production**

**GER**
3/A

Practical application of advanced production skills: a design course for advanced dance and choreography students. Tools, techniques and skills required to produce live dance performances. May be taken twice for credit with permission of the department.

**prereq:** DAN 22400
3 hrs, 3 hrs open studio
2 cr.

* Please note that DAN 12400 Production Crew must be taken twice to complete the major

3. Dance Studies (8 credits)

**DAN 21300 - Basic Musicianship for Dancers**

**GER**
3/A

Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**prereq:** DAN 21000
3 hrs
2 cr.
DAN 23200 - Global Dance History

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: N/A
3 hrs.
3 cr.

DAN 35000 - Anatomy and Kinesiology for Dancers

GER
3/A

Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.

prereq or coreq: any course in DAN
3 hrs
3 cr.

DANED 30200 - Theory and Practice of Teaching Dance (pre-K-12)

Methods of teaching dance in grades pre-K-12 to students with diverse backgrounds and abilities in diverse learning environments; the organization of instruction and classroom management strategies; technological resources; community and family resources.

Field work required.
DANED changed to DANEP - effective Spring 2018 -
prereq: completed 12 cr in dance or perm dance adviser
prereq or coreq: SEDF 20400
3 hrs plus 36 hours fieldwork
4 cr.

4. Electives (3 credits) *

Dance Technique Electives

DAN 15100 - Global Dance 1

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.
2 hrs
1 cr.

**DAN 25100 - Global Dance 2**

**GER**

3/A

Expanded progressions in folk forms of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.

*prereq: DAN 15100*

2 hrs

1 cr.

**DAN 25200 - Special Topics: Traditional Dance I**

**Pluralism and Diversity**

GER 3/A PD/A

Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

This course only partially fulfills the electives requirement for the Dance BA degree.

*prereq: placement class*

4 hrs

2 cr.

**DAN 35200 - Special Topics: Traditional Dance II**

**Pluralism and Diversity**

PD/A

GER

3/A

Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

*prereq: DAN 25200, perm dept.*

4 hrs

2 cr.

- DAN 25300 Jazz Dance 1 (2 credits)
- DAN 25400 Jazz Dance 2 (2 credits)

Other Electives

DAN 37000 Special Topics in Dance Studies (2 credits)

**DAN 25500 - Dance Pedagogy**

The course traces the history of teaching dance in studios, dance schools, academies, public schools, arts schools, and in higher education in the US and internationally and explores the different kinds of programs that exist today. The course will discuss and observe differing teaching methodologies. Students will read, observe and comment on
teachers, as well as present their thoughts about the pedagogy of Dance.

prereq: DAN 31000 and/or DAN 24500
4 hrs
2 cr.

**DAN 34200 - Teaching Dance**

Teaching Dance will be a combination of a lab and lecture course. Readings from the field will include the methodologies of teaching different genres for different populations. Students will present in class three times per semester. They will also perform extensive field work observing and interviewing teachers, studio owners, directors of professional training programs, etc.

prereq: DAN 31000 and/or DAN 24500
4.5 hrs
3 cr.

**DAN 46100 - Seminar in Dance**

**GER**
3/A

Survey of dance careers, grant writing, arts administration, resume writing and relevant topics related to the socio-political climate of our times in relation to art.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: DAN 31000, DAN 32100
3 hrs
3 cr.

**DAN 48000 - Independent Study in Dance**

**GER**
3/A

In-depth study in area of special interest for qualified students under direction of faculty adviser.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: minimum 15 dance received at Hunter, major GPA 3.0, overall GPA 2.5. Open to dance majors and minors only.
3-9 hrs
1-3 cr.

**DAN 49000 - Honors in Dance**

**GER**
3/A

Open to Jr/Sr Dance majors only. Individual study leading to completion of honors essay or production book in creative performance.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: minimum 18 dance, major GPA 3.5, overall GPA 2.8
hrs TBA
1-3 cr.

DAN 49800 - Internship

GER
3/A

Open to dance majors with 15 credits in dance from Hunter.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: DAN 32400
hrs TBA
3-6 cr.

* Dance Technique and Creative Work courses are repeatable for elective credit.

Note: Special Topics includes a varied offering of techniques and genres including Partnering, Hip Hop, Yoga, African Forms, Indian Forms, Latin Jazz and Gaga.

Note: Not all required classes are offered every semester. Meetings with dance advisors on a regular basis and prior to registration are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Graduate Dance Courses (20 credits)

(for descriptions please see the graduate catalog)

DAN 70100: Physical Training *
DAN 70500: Maintenance of the Instrument
DAN 73000: Studies of Forms
DAN 73500: Performance/Presentation
DAN 74000: Aesthetics
DAN 74200: Dance History
DAN 74600: Special Topics

* Please note that DAN 70100 Graduate Dance Technique must be taken twice to complete the major.

Education Requirements (27 credits)

Undergraduate Courses
**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs  
3 cr.

**SEDF 20400 - Adolescent Development**

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork  
2 cr.

**SEDF 20500 - Educational Psychology: Applications in Grades 7-12**

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

prereq: SEDF 20300, 20400  
2 hrs per week plus 36 hrs fieldwork  
2 cr.

**SEDC 21000 - Building the Foundations of Literacy in Grades 7-12**

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs  
3 cr.

**SEDC 22000 - Adolescent Health and Safety**

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq: SEDF 20300, 20400  
1 hr  
1 cr.

Graduate Courses (for descriptions please see the graduate catalog)

SPED 70800: Teaching Students with Special Needs in Inclusive Settings  
SEDF 70600: Assessment of Teaching and Learning in Adolescent Education  
DANED 76000: Methods I  
DANED 76200: Methods II  
DANED 76605: Student Teaching
School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major:

1. Have an overall GPA of 3.0
2. Successful completion of an online Dance Education Professional Teaching Portfolio (PTP)
3. Complete the Dignity for All Students Act (DASA) antibullying workshop

Economics - BA/MA

The Department of Economics offers promising students the opportunity to complete both the BA and MA degrees within 120 credits, 30 of which must be at the graduate level. Students who wish to declare the BA/MA major must have a 3.0 average in Economics and in the cumulative index.

- Economics - BA
- Economics - MA

A minimum grade of B in the following, or their equivalents

ECO 30000 - Intermediate Microeconomics

GER
3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.

prereq: ECO 20000, 20100 and MATH 15000 or MATH 15200
3 hrs
3 cr.

ECO 32100 - Introduction to Econometrics

GER
3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.

prereq: ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 15500 or MATH 25500
3 hrs
3 cr.

A minimum grade of C in the following, or their equivalents

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.  
4 hrs  
4 cr.

Continuing in the program is contingent upon maintaining a 3.0 GPA in economics and the cumulative index and receiving

A minimum grade of B in

**ECO 30100 - Intermediate Macroeconomics**

**GER**  
3/B

Growth, employment and prices in the short and long run; monetary and fiscal policy.  
**prereq:** ECO 20000, 20100, MATH 15000 or MATH 15200  
3 hrs  
3 cr.

An average grade of B in

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**  
Math/Quantitative Reasoning  
**GER**  
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.  
4 hrs  
4 cr.

**MATH 16000 - Matrix Algebra**

**GER**  
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.  
**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam  
3 hrs  
3 cr.

All students in the BA/MA program must complete the following, or their equivalents, as well as the courses listed above.
MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

Additional Information

An undergraduate major in economics is normally required. Thomas Hunter Honors Program students may be admitted without declaring an undergraduate economics major, provided that the above courses are completed. To apply, see the graduate adviser.

Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

Note: Students enrolled in the BA/MA program may substitute enrollment in ECO 798 and an MA thesis for ECO 49900 and the Honors paper.

- ECO 49900 Honors Project

Please note:

*Modifications in these programs are awaiting approval by CUNY and NY State. Please consult the department for details.*

Mathematics (BA/MA): Additional Required Coursework and Student Teaching
Adolescent Education BA Course Requirements

**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

*3 hrs*

*3 cr.*

**SEDF 20400 - Adolescent Development**

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

*2 hrs per week plus 36 hrs fieldwork*

*2 cr.*

**SEDF 20500 - Educational Psychology: Applications in Grades 7-12**

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

*prereq: SEDF 20300, 20400*

*2 hrs per week plus 36 hrs fieldwork*

*2 cr.*

**SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12**

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

*prereq: SEDF 20500, SEDC 21000*

*2 per week plus lab*

*2 cr.*

**SEDC 21000 - Building the Foundations of Literacy in Grades 7-12**

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

*3 hrs*

*3 cr.*

**SEDC 22000 - Adolescent Health and Safety**

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

*prereq: SEDF 20300, 20400*
SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080
-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200

Note

Please note that the parallel courses at the graduate level may be substituted for these undergraduate courses in the BA/MA Mathematics and the BA/MA Dance Programs.

Additional Required Coursework and Student Teaching**

- SEDC 713 - Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science 3 cr
- SEDC 723 - Methods II: Intensive Study of Teaching Diverse Learners in Mathematics, Grades 7-12 2 cr
- SEDC 753 - Student Teaching in Mathematics, Grades 7-12 (60 days, 30 hrs seminar, plus workshops and conferences) 5 cr

Note(s)

** See the Graduate Catalog for these graduate course descriptions

Mathematics or Statistics and Applied Mathematics - BA/MA

The BA/MA program offers promising students the opportunity to complete both the bachelor's and master's requirements without a separate application for admissions or GRE requirement. Requirements are the same as those for a major in the department, plus 30 credits at the graduate level. Interested students should contact the graduate adviser for further information regarding eligibility and curriculum requirements.

Option 1: Mathematics and Pure Mathematics (63-83 credits)

Students complete the BA in pure mathematics with 30 additional credits at the graduate level in pure mathematics approved by the departmental graduate adviser.
• Mathematics - BA
• Mathematics: Pure Mathematics - MA

Option 2: Mathematics and Statistics and Applied Mathematics (63-83 credits)

Students complete the BA in mathematics with 30 additional credits at the graduate level in applied mathematics, statistics and computer science approved by the departmental graduate adviser.

• Mathematics - BA
• Statistics and Applied Mathematics - MA

Option 3: Statistics and Statistics and Applied Mathematics (63-83 credits)

Students complete the BA in statistics with 30 additional credits at the graduate level in applied mathematics, statistics and computer science approved by the departmental graduate adviser.

• Statistics - BA
• Statistics and Applied Mathematics - MA

Please note: Modifications in these programs are awaiting approval by NY State. Please consult department for details.

Music Pre-K - 12 - BA/MA

The BA/MA program in PreK-12 Music Education leads to initial certification as a teacher in New York State.

This bachelor's / master's program in PreK-12 education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

1. Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
2. A Hunter College Grade Point Average (GPA) of 3.0 or better.
3. Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
5. Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Course of Study

Academic Plan: MUSCT-BAMA

Credits: 82 - 89

Music Requirements (57-63 credits)

Piano Proficiency Requirement: All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

Please note that students admitted to the program must take a proficiency examination during the first two semesters of matriculation in order to remain in the program. This examination will test competence in music theory, music history and literature, and applied skills. Deficiencies revealed by the proficiency examination must be made up by studying the relevant subject matter and passing a reexamination. The proficiency examination requirement must be fulfilled before a student may proceed beyond 18 credits.

As a culminating project, Music TEP students are required to prepare a portfolio containing examples of their work. These can include papers which have been graded and commented on by professors, lesson plans, and student reflections on their own growth and experiences throughout the program. It is important that you save all of your work from all of your classes. During the semester in which you student teach, you will be guided in the preparation of your
portfolio.

1. Music history (13 credits)

**MUSHL 20100 - Introduction to Music Research**

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

*coreq: MUSHL 20500

*prereq or coreq: ENGL 12000

1 hr

1 cr.

offered fall

**MUSHL 20500 - Music History I**

**Pluralism and Diversity**

PD/D

For music majors. Survey of the history of music in the European tradition to 1600.

*prereq: elementary knowledge of music history and literature, demonstrated by dept. exam

*coreq: MUSHL 20100

*prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.

3 hrs

3 cr.

offered fall

**MUSHL 20600 - Music History II (W)**

**Pluralism and Diversity**

PD/D

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.

*prereq: MUSHL 20100, 20500, ENGL 12000

*prereq or coreq: MUSTH 22100, 23100

3 hrs

3 cr.

offered spring

**MUSHL 30500 - Music History III (W)**

**Pluralism and Diversity**

PD/D

Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.

*prereq: MUSHL 20600, MUSTH 22100, 23100

3 hrs

3 cr.

offered fall

- And any other 3-credit MUSHL course at the 300-level.
2. Music Theory (19 credits)

**MUSTH 20100 - Introduction to Music Technology**

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.

*prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.*

1 hr
1 cr.
offered spring

**MUSTH 22000 - Music Theory I**

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

*prereq: ability to read music as demonstrated by dept. exam, perm dept.*

coreq: MUSTH 23000

3 hrs
3 cr.
offered fall

**MUSTH 22100 - Music Theory II**

Continuation of MUSTH 22000.

*prereq: MUSTH 22000*

*coreq: MUSTH 23100*

3 hrs
3 cr.
offered spring

**MUSTH 23000 - Musicianship I**

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

*coreq: MUSTH 22000*

3 hrs
2 cr.
offered fall

**MUSTH 23100 - Musicianship II**

Continuation of MUSTH 23000.

*prereq: MUSTH 23000*

*coreq: MUSTH 22100*

3 hrs
2 cr.
offered spring

**MUSTH 32000 - Music Theory III**
Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr.
offered fall

MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.

prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.
offered fall
- and any other 3-credit MUSTH course at the 300-level

3. Performance (6 credits)

2 credits in:

MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

prereq: perm dept.
1 hr
1 cr.

2 credits in large ensembles:

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs
1 cr.

MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.

prereq: audition, perm instr.
3 hrs
1 cr.

2 credits in performance electives:
MUSPF 22100 - College Choir
MUSPF 24900 - Jazz Ensemble

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.
2 hrs
1 cr.

MUSPF 25000 - Jazz and Popular Music Combos

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R & B, Country/Bluegrass, and Jazz. May be taken 6 times.

prereq or coreq: audition, dept. permission required
2 hrs
1 cr.

MUSPF 25100 - Jazz Vocal Workshop Ensemble

Jazz performance and improvisation. May be taken 6 times.

prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr.

MUSPF 35300 - Chamber Singers

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.

prereq: audition, perm instr.
2 hrs
1 cr.

MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.

prereq: audition, perm instr.
2 hrs
1 cr.

MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.

coreq: MUSPF 40100 or 43100
2 hrs
1 cr.

MUSPF 36900 - Topics in Vocal Performance
Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.

May be taken 4 times.

*prereq: ENGL 12000
*coreq: MUSPF 40100 or 43100

2 hrs
1 cr.

- MUSPF 40100 - Individual Instruction in Instrument or Voice

4. Electives (4 credits)

- 4 credits in music courses above the 100-level

5. Graduate Music Courses (15-21 credits)

For course descriptions please see the graduate catalog.

* Students who have studied these subjects at the undergraduate level may be exempted from these requirements.

- MUS 64100 – Strings*
- MUS 64300 – Woodwinds*
- MUS 64500 - Brass*
- MUS 64700 - Percussion Skills*
- MUS 64900 - Piano Skills for Music Teachers*
- MUS 65100 – Conducting*
- MUS 72400 - Advanced Studies in Music Theory 1
- MUS 75100 - Advanced Studies in Music History 1
- MUS 75200 - Advanced Studies in Music History 2
- MUS 77900 - World Music Education
- Music electives: Courses chosen in consultation with graduate adviser (3 credits)

Education Requirements (25-26 credits)

For course descriptions please see the graduate catalog.

- SEDF 70300 - Social Foundations of Adolescent Education
- SEDF 70400 - Adolescent Development, Grades 7–12
- SEDF 70500 - Educational Psychology: Applications to Adolescent Education
- SEDF 70600 - Assessment of Teaching and Learning in Adolescent Education
- SPED 70800 - Teaching Students with Special Needs in Inclusive Settings
- SEDC 71000 - Building the Foundations of Literacy in Adolescent Education
- SEDC 72000 - Adolescent Health and Safety
- MUSED 67700 - Methods of Teaching Instrumental Music in Grades Pre-K-12
- MUSED 67800 - Methods of Teaching Vocal and General Music in Grades Pre-K-12
- Take either -

- SEDC 75600 - Student Teaching in Music, Pre-K-12
- or -

- SEDC 77610 - Practicum in Music, Grades Pre-K–6

- Plus -

- SEDC 77620 - Practicum in Music, Grades 7–12

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Physics - BA/MA

This special program for a limited number of well qualified students leads to a bachelor of arts and a master of arts degree. Students are offered the opportunity to quickly reach a level where they are competitive for admission into any doctoral program in physics. The program requires 83-100 credits (including the 53-72 credits required for a physics BA major and 30 credits from the MA in Physics). Because this program requires a large number of physics courses, many of which have other physics courses as prerequisites, students in this program should begin taking physics courses in their first or second semester. Students should consult with the department chair, undergraduate adviser or graduate adviser for details as early as possible.

Physics Option 1 (53-72 credits)

Physics MA

Sociology Undergraduate Curriculum

Hunter Core Requirement

One course within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Sociology major, the course that meets CCC is:

SOC 10100 - Introduction to Sociology

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B
Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs
3 cr.

1. Required Courses (9 cr.)

**SOC 10100 - Introduction to Sociology**

*Hunter Core*
Individial and Society (Social Sciences) - I&S SS
*GER*
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs
3 cr.

**SOC 24000 - Introduction to Research Methods**

*GER*
3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.

*prereq: SOC 10100*
3 hrs
3 cr.

**SOC 24100 - Social Statistics**

*GER*
3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.

*prereq: SOC 10100*
3 hrs
3 cr.

2. Sociological Theory (6 cr.)

**SOC 22400 - Sociological Theory (W)**

This course represents an advanced undergraduate introduction to the central figures and issues in 19th and 20th century sociological theory. The course is writing intensive, and will involve drafting, revising, and submitting three written essays.
3 hrs
3 cr.

**SOC 47000 - Sociology Capstone**

SOC 47000 provides a capstone experience in Sociology. Students will build on the skills they learned in theory, methods, and elective courses with a final culminating project in which they will develop a research question, gather data or evidence to answer that question, and produce a final paper based on this research. Topics may vary.

*prereq: SOC 24000, SOC 24100, SOC 22400*

3 hrs
3 cr.

3. Electives (15 cr.)

Of the remaining 15 credits, at least 6 must be in courses at the 300 level or above. No more than 3 credits from the following may be used to satisfy this requirement

**SOC 33100 - Field Placement in Social Work Agencies**

**GER**

3/B

Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper.

*prereq: SOC 10100, perm instr.*

8 hrs per week

3 cr.

**SOC 33200 - Advanced Field Placement in Social Work Agencies**

**GER**

3/B

Supervised work in social service agency, weekly seminar, agency-based research project.

*prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.*

8 hrs per week

3 cr.

**SOC 37101 - Independent Study**

**GER**

3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.

*prereq: SOC 10100, perm instr.*

1 hr

1 cr.

**SOC 37200 - Independent Study**
Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.

**prereq:** SOC 10100, perm instr.

3 cr. each sem

**SOC 47100 - Honors/Independent Study**

GER
3/B

Advanced independent research project under direction of full-time member of department.

**prereq:** SOC 10100, perm instr.

3 cr. each sem

**SOC 47200 - Honors/Independent Study**

GER
3/B

Advanced independent research project under direction of full-time member of department.

**prereq:** SOC 10100, perm instr.

3 cr. each sem

**SOC 49800 - Internship**

GER
3/B

Open to advanced majors only. Placement of qualified sociology majors off campus in professional nonsocial service internship settings. Credits are based on analytic internship report, number of hours worked and by written evaluation by agency/company intern supervisor.

**prereq:** SOC 22100 or 22300 and SOC 24000; major; perm supervising full-time faculty

hrs TBA
3-6 cr.

**Sociology/Social Research - Accelerated BA/MS**

For a limited number of qualified undergraduate students, the sociology department offers an accelerated five-year program leading to a BA in sociology and an MS in social research. The program requires a total of 145 credits of college work (100 undergraduate, 45 graduate). To get the maximum financial benefit from the BA/MS program, students should apply before the number of cumulative credits taken (including those being taken currently) exceeds 100 credits. All credits above 120 will be charged at the graduate tuition rates. The BA/MS program is a full-time program requiring 12 graduate credits per term. In order to be admitted to the program, students must complete their basic requirements, including their major, pass an honors course or its equivalent (cross listed graduate course, honors independent study), have an overall GPA of 3.25 and meet other requirements of the MS program as outlined in the graduate catalog except for the GRE examination. BA/MS applicants should have no more than 100 credits completed before entering the program and can apply for fall or spring admission. After consulting with the undergraduate adviser to establish eligibility, students may apply to the Graduate Director. Applications require a cover letter/personal
statement and include a copy of one's current transcript and two letters of recommendation. Students are admitted to the BA/MS program at the end of their junior year but must consult with the undergraduate adviser before they file the application.

Curriculum

- Sociology Undergraduate Curriculum
- Social Research Graduate Curriculum

Degree Map for Studio Art (24 cr.) BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Studio Art major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

• Math & Quantitative Reasoning
• Scientific World
• World Cultures & Global Issues
• Foreign Language Elementary Level 1

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

**ARTLA 10100 - Introduction to Study of Visual Experience**

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.

Material Fee: $25

6 hrs

3 cr. + 3 cr. hrs open studio

- Creative Expression
- Life and Physical Sciences
- Foreign Language Elementary Level 2

**Sophomore Year**

**Fall**

**ARTCR 22100 - Drawing**

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.

Material Fee: $50

*prereq: ARTLA 20100
4 hrs
3 cr. + 5 hrs open studio

**ARTH 11100 - Introduction to History of Art**

*Hunter Core*

Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**

PD/D

GER

2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr.

- Foreign Language Intermediate Level 3
- US Experience in Its Diversity
• Elective

Spring

• ARTCR 200 or 300 level Elective
• Individual and Society/ Humanities
• Foreign Language Intermediate Level 4
• Elective
• Elective

Junior Year

Fall

• ARTCR 200 or 300 level Elective
• Scientific World
• Elective
• Elective
• Elective

Spring

• ARTCR 200 or 300 level Elective
• ARTCR 200 or 300 level Elective
• Elective
• Elective
• Elective

Senior Year

Fall

• ARTCR 200 or 300 level Elective
• Elective
• Elective
• Elective
• Elective

Spring

• ARTCR 200 or 300 level Elective
• Elective
• Elective
• Elective
• Elective
Degree Map for Studio Art - BFA (60 cr.)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Studio Art BFA major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

ARTLA 10100 - Introduction to Study of Visual Experience

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: $25
6 hrs
3 cr. + 3 cr. hrs open studio

• Math & Quantitative Reasoning
• Individual & Society/ Social Sciences
• Foreign Language Elementary Level 1

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an
emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**ENGL 12000**

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**ARTCR 22100 - Drawing**

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.

Material Fee: $50

*prereq: ARTLA 20100*

4 hrs

3 cr. + 5 hrs open studio

**ARTH 11100 - Introduction to History of Art**

**Hunter Core**

Individual and Society (Humanities) -I&S H

**Pluralism and Diversity**

PD/D

GER

2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs

3 cr.

- Life & Physical Sciences
- Foreign Language Elementary Level 2

**Sophomore Year**

**Fall**

**ARTH 24900 - Twentieth-Century Art I**

**Pluralism and Diversity**

PD/D

GER

3/A

Western art to World War II.

*prereq: ARTH 11100*

3 hrs

3 cr.

- ARTCR 22500 Printmaking, ARTCR 23500 Painting, ARTCR 25100 Sculpture, ARTCR 27100 Principles of Photography, ARTCR 29000 New Genres
• ARTCR 22500 Printmaking, ARTCR 23500 Painting, ARTCR 25100 Sculpture, ARTCR 27100 Principles of Photography, ARTCR 29000 New Genres
• Foreign Language Intermediate Level 3
• Elective

Spring

• ARTCR 22500 Printmaking, ARTCR 23500 Painting, ARTCR 25100 Sculpture, ARTCR 27100 Principles of Photography, ARTCR 29000 New Genres
• ARTCR 22500 Printmaking, ARTCR 23500 Painting, ARTCR 25100 Sculpture, ARTCR 27100 Principles of Photography, ARTCR 29000 New Genres
• Individual & Society/ Social Sciences
• Foreign Language Intermediate Level 4
• ARTH 25000 Twentieth-Century Art II

Junior Year

Fall

• ARTCR 300 level Area of concentration
• ARTCR 200 or 300 level Elective
• Creative Expression
• World Cultures & Global Issues
• ARTCR 200 or 300 level Elective

Spring

• ARTCR 300 level area of concentration
• ARTCR 200 or 300 level Elective
• Scientific World
• ARTH 200 or 300 level Elective
• Elective

Senior Year

Fall

**ARTCR 45900 - Professional Experience in Art I**

BFA majors, seniors only. Not credited toward BA degree. Advanced projects may include activities outside the college, as well as within the department.

Material Fee: $50

*prereq: Admission into the BFA Program*

4 hrs

6.5 cr.
ARTCR 40500 - Art and Current Ideas II

Lecture and discussion; a non-studio course. Topics of concern in art today as brought forth by current exhibitions. Scheduled trips to galleries and museums. Reading assignments, papers and oral reports focus on issues relative to the exhibitions.

*prereq: ARTLA 20100

3 hrs
3 cr.

- ARTH Elective
- US Experience in Its Diversity
- Elective

Spring

- ARTCR 46000 Professional Experience in Art II
- Elective
- Elective
- Elective

Studio Art - BFA

This degree is open to the student who wants to complete work in studio art beyond the 42-credit major and particularly the student who intends to pursue a career as a professional artist and attend graduate school. Students follow the regular Hunter Core Requirement - Fall 2013 to Spring 2019 for the BA degree. Departmental approval of the 61-credit BFA concentration is required. Students who have successfully completed 90 credits may apply to the BFA program, pending an interview with the BFA adviser. Students are required to maintain a GPA of 3.0 in this program. Required courses are as follows:

Hunter Core Requirement

Courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:

Hunter Core Requirement - Fall 2013 to Spring 2019.

Major: 61 credits

Core Courses (6 credits) - 6 cr.

ARTLA 20100 - Art Foundations: Seeing, Thinking, Making

This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

Material fee: $25.00
ARTLA 20200 - Art Foundations: Methods and Techniques

ARTLA 20200 is the second part of the foundation-year course requirement for 42-credit BA and BFA art majors. This class is open to any student who has taken ARTLA 20100 or the equivalent. The class will be taught by one instructor who will introduce the student to the fundamental skills of drawing, sculptural methods, new genres technologies. Museum/gallery visits, and written analysis of exhibitions will be assigned to help build an understanding of how skill and technique are implemented in the conceptual creation of art. This is a baseline course, and will facilitate learning as the student progresses to one of our study areas of Painting, Sculpture, New Genres, Ceramics, Drawing or Printmaking.

prereq: ARTLA 20100
4 (+5 hrs independent studio)
3 cr.

Concentration Courses (9 credits)

4 (ARTCR) classes in an area of study can include only one ARTCR 36000 12 credits

Studio Art Courses (12 credits):

4 (ARTCR) studio classes outside the area of study 12 credits

Art History (9 credits)

3 (ARTH) art history courses, one of which must be ARTH 35100 Special Topics Lecture in Modern Art (W)

Capstone Course (3 credits)

ARTLA 40600 2D/3D/4D Capstone Seminar 3 credits

After admission to BFA program:

ARTCR 40500 Art and Current Ideas II 3 credits
ARTCR 45900 Professional Experience in Art I 6.5 credits
ARTCR 46000 Professional Experience in Art II 6.5 credits
An additional art history course (ARTH)

Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0.
Music - BMus

This degree is designed for students planning to pursue careers as professional performers of music or as teachers of music performance. It provides intensive instruction in the student's instrument or voice; solid training in music history and theory; and a broad, liberal arts education. Admission to this program is conditional on passing an audition (preferably before the student enters college) demonstrating a high level of skill in performance.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (60 cr.)

Music history:

MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

coreq: MUSHL 20500

prereq or coreq: ENGL 12000

1 hr

1 cr.

offered fall

MUSHL 20500 - Music History I

Pluralism and Diversity

PD/D

For music majors. Survey of the history of music in the European tradition to 1600.

prereq: elementary knowledge of music history and literature, demonstrated by dept. exam

coreq: MUSHL 20100

prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.

3 hrs

3 cr.

offered fall

MUSHL 20600 - Music History II (W)

Pluralism and Diversity

PD/D

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.

prereq: MUSHL 20100, 20500, ENGL 12000

prereq or coreq: MUSTH 22100, 23100
MUSHL 30500 - Music History III (W)

**Pluralism and Diversity**

PD/D

Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.

*prereq: MUSHL 20600, MUSTH 22100, 23100*

3 hrs

3 cr.

offered fall

and any other 3-credit MUSHL course at the 300-level

Music theory:

**MUSTH 20100 - Introduction to Music Technology**

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.

*prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.*

1 hr

1 cr.

offered spring

**MUSTH 22000 - Music Theory I**

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

*prereq: ability to read music as demonstrated by dept. exam, perm dept.*

*coreq: MUSTH 23000*

3 hrs

3 cr.

offered fall

**MUSTH 22100 - Music Theory II**

Continuation of MUSTH 22000.

*prereq: MUSTH 22000*

*coreq: MUSTH 23100*

3 hrs

3 cr.

offered spring

**MUSTH 23000 - Musicianship I**

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

*coreq: MUSTH 22000*

3 hrs
MUSTH 23100 - Musicianship II

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr.

offered spring

MUSTH 32000 - Music Theory III

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr.

offered spring

MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.

offered fall

and any other 3-credit MUSTH course at the 300-level

Private lessons:

MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr.

Performance ensembles:

For instrumentalists - 6 credits in instrumental ensembles

Choose 6 credits from the following:
MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.

prereq: audition, perm instr.
3 hrs
1 cr.

MUSPF 24900 - Jazz Ensemble

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.

2 hrs
1 cr.

MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.

prereq: audition, perm instr.
2 hrs
1 cr.

MUSPF 25000 - Jazz and Popular Music Combos

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R & B, Country/Bluegrass, and Jazz. May be taken 6 times.

prereq or coreq: audition, dept. permission required
2 hrs
1 cr.

MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance. May be taken 4 times.

coreq: MUSPF 40100 or 43100
2 hrs
1 cr.

For singers

6 credits in vocal ensembles

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs
1 cr.
MUSPF 25100 - Jazz Vocal Workshop Ensemble

Jazz performance and improvisation. May be taken 6 times.
prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr.

MUSPF 35300 - Chamber Singers

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr.

MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.
May be taken 4 times.
prereq: ENGL 12000
coreq: MUSPF 40100 or 43100
2 hrs
1 cr.

for singers, a minimum of 2 credits must be in MUSPF 36900

Electives:

- 4 credits in music courses above the 100-level.

Recital:

- A senior recital, for which no credit is given, is also required.

Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

Degree Map for Music 60 cr. BMus

Degree Map for Music 60 cr. BMus

Accounting-BS
The degree of bachelor of science (accounting) offered at Hunter College fulfills educational requirements for the CPA examination in New York State. Candidates pursuing licensure in New York State will need to complete 150 college credits including ACCP 49000 - Accounting & Auditing Research. An appropriate masters degree, while not required, is another path to licensure. For information on the MS in Accounting at Hunter College, see the Hunter College Graduate Catalog. All students contemplating a career in accounting should request an interview with the accounting program adviser during the lower freshman term. To assure completion of the BS (accounting) degree within four years, a full-time student should begin the accounting major sequence in the upper freshman term, if possible, and no later than the lower sophomore term, by registering for ACC 27100.

Hunter Core Requirement

Note: Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the accounting major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 12500</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>MATH 15000</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>ECO 20000</td>
<td>Scientific World</td>
</tr>
<tr>
<td>ECO 20100</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core.

Accounting Major

The Department of Economics offers a major leading to the BS in accounting, requiring a minimum of 35 credits of accounting, 36 credits of other professional studies and an additional 3-13 credits of non-professional studies. Details are outlined below.

Progression in the Major

All courses that are prerequisites to courses required by the BS Program in Accounting must be passed with a grade of C, or CR, or better before students may progress to the next course in the sequence and in order to graduate. ECO 22100 is required for the major and must be completed with a grade of C, CR or better to be accepted for credit toward fulfillment of the major.

Courses Required for the Major (74-84 credits)

Non-professional Studies (3 -13 cr)

MATH 10100 - Algebra for College Students
Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

**prereq:** appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

**prereq:** MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

**prereq:** MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs

4 cr.

-and-

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**prereq:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs

1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**

Math/Quantitative Reasoning
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. 

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs

4 cr.

-or-

**MATH 15200 (STEM) - Calculus for Life and Social Sciences**

Limits, continuity and the derivative. The power rule, product and quotient rules, the chain rule, and implicit differentiation. The Mean Value Theorem and the Intermediate Value Theorem. Curve sketching and optimization, and linear approximation. Riemann integral and the Fundamental Theorem of Calculus. Various applications to economics, life sciences, and physical sciences. Students will not be allowed to obtain credit for both MATH 15200 and MATH 15000 (STEM). Students planning on taking more than one semester of calculus should take MATH 15000 (STEM) instead.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, and coreq MATH 14000; or appropriate score on placement exam.

Not open to students who have taken MATH 15000.

4 hrs

4 cr.

**Note**

Note: ECO 22000 Techniques of Economic Analysis may also be used to fulfill the calculus requirement.

IMPORTANT: Students who wish to take higher levels of Calculus are advised to take MATH 15000 (STEM) to satisfy the calculus requirement.

**Additional Information**

Majors are advised to complete MATH 15000 (STEM) (or MATH 15200 (STEM)) and ECO 22100 within their first 75 credits of college work. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the requirement of any of the above or other courses upon satisfactory proof of course equivalency. Courses waived through substitution or examination do not provide course credit nor do they count toward the major.

Students may place out of MATH 10100, MATH 101EN, MATH 10150, MATH 12400 (STEM), MATH 12500 (STEM), MATH 12550 (STEM), MATH 14000 and MATH 12500 (STEM) requirements without replacing the credits. See the Department of Mathematics and Statistics for details. Students may place out of MATH 15000 (STEM) or MATH 15200 (STEM) but must replace the course with a 3 credit course approved by the Accounting Program.

**Professional Studies (71 cr)**

**Accounting (35 cr)**

**ACC 27100 - Accounting I**
Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.

**prereq:** upper freshman standing

3 hrs

3 cr.

**ACC 27200 - Accounting II**

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.

*effective term spring 2016*

**prereq:** ACC 27100 with a grade of C or better

3 hrs

3 cr.

**ACCP 37100 - Intermediate Accounting I**

In-depth study of current concepts relating to accounting for assets and current liabilities.

*effective term spring 2016*

**prereq:** ACC 27100 and ACC 27200 all with a grade of C or better.

3 hrs

3 cr.

**ACCP 37200 - Intermediate Accounting II**

Long-term liabilities, investments, revenue recognition; shareholders' equity, dilutive securities and earnings per share, income taxes, pensions, leases.

*effective term spring 2016*

**prereq:** ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better.

4 hrs

4 cr.

**ACCP 37300 - Federal Income Taxation**

Principles of federal income taxation and the impact of taxes on individuals.

*effective term spring 2016*

**prereq:** Prereq: ACC 27100 and ACC 27200 and ACCP 37100, all with a grade of C or better

3 hrs

3 cr.

**ACCP 37400 - Managerial Accounting (Cost Accounting)**

Accumulation, analysis, presentation and use of cost data by management; budgets.

*effective term spring 2016*

**prereq:** Prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better

3 hrs

3 cr.

**ACCP 47100 - Advanced Accounting I**

effective term spring 2016

prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better

3 hrs

3 cr.

**ACCP 47200 - Advanced Accounting II**

Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy.

effective term spring 2016

prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better

3 hrs

3 cr.

**ACCP 47300 - Business Taxes**

Federal income taxation of partnerships and corporations; other special tax issues.

effective term spring 2016

prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 and ACCP 37300 all with a grade of C or better

3 hrs

3 cr.

**ACCP 47500 - Auditing**

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.

prereq or coreq: ACCP 47100 with a grade of C or better

ACCP 47100 with a grade of C or better

4 hrs

4 cr.

**ACCP 49000 - Accounting & Auditing Research**

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.

prereq: ECO 22100 with a grade of C or CR or better or STAT 21300 with a grade of C or CR or better and ACC 27100, ACC 27200, ACCP 37100, and ACCP 37200 all with a grade of C or better.

prereq or coreq: ACCP 47500

3 hrs

3 cr.

**Grade Options**

Accounting majors may not use CR/NC grades for any of the 35 accounting credits in the accounting major.

**Additional Information**
An overall Grade Point Average of at least 2.5 must be maintained in these 35 Accounting credits. Students who receive a grade of "D" or lower in any of the eleven required Accounting courses in the Professional Studies Requirement will be allowed to repeat the course only once. In total, students may repeat no more than three Accounting courses for which they received a grade of "D" or lower. Students who exceed this allowed number of course repeats will be dismissed from the BS program in Accounting. The Academic Adviser for the BS program in Accounting may, under extraordinary circumstances, make exceptions to this rule.

Other Professional Studies (36 cr)

Business Law (6 cr)

**ACC 28000 - Business Law I**

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.

*prereq: sophomore standing or perm chair*

3hrs

3 cr.

**ACCP 38000 - Business Law II**

Legal aspects of business organizations; agency, partnership and corporate relationships.

*prereq: ACC 28000 with a grade of C, or CR, or better*

3hrs

3 cr.

Statistics (3 cr)

**ECO 22100 - Economic Statistics**

**Hunter Core**

Mathematics and Quantitative Reasoning

**GER**

1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

*prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500

3hr lecture or 2hr lecture/1 hr discussion

3 cr.

Note: STAT 21300 (STEM) Introduction to Applied Statistics may also be used to fulfill this requirement.

**Additional Information:** For students already at or beyond this point when they become majors, the course should be taken within the first 12 credits following declaration of the major.

Finance (6 cr)

Required: ECO 36500 Corporate Finance and one additional course from the following:

**ECO 21000 - Money and Banking**
GER 3/B
Monetary and banking principles and practice; current issues; theory and policy.
prereq: ECO 20000, 20100
3 hrs
3 cr.

ECO 36600 - Security and Investment Analysis

GER
GER 3/B
Operation of the stock market; security analysis and evaluation; economic variables influencing security values.
prereq: ECO 36500
3 hrs
3 cr.

ACCP 36700 - Analysis of Financial Statements

GER
GER 3/B
Analysis, interpretation, and use of financial statements.

note: This course does not count as an elective towards the Economics major.

prereq: ECO 37200 and ECO 36500 or adviser's permission
3 hrs
3 cr.

Business Core-Required (12 cr)

ECO 10000 - Introduction to Economics

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B
Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.
ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).
prereq: Math/Writing Proficient/Non degree students
3 hrs
3 cr.

ECO 20000 - Principles of Microeconomics
Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.
May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.

ECO 20100 - Principles of Macroeconomics

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.
May be taken prior to or concurrently with ECO 20000.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.

ACCP 47600 - Computer Accounting Systems

prereq: ACC 27100 and ACC 27200, both with a grade of C or better, and declaration as an accounting major

3 hrs
3 cr.

Business electives (9 cr)

Choose from the following:

- ECO 26000 - Business Organization and Management (offered prior to Spring 2019; course is now ECO 35900 Economics of Business Organization and Management)
- Any 300- or 400-level ACCP or ECO course (excluding ECO 49700 and ECO 49800; Note: ECO 35900 Economics of Business Organization and Management and ACCP 48000 Business Law III are strongly recommended)

Note:
1. Students may not use any course to fulfill the business elective requirement that is also being used to satisfy any other requirement of the Accounting major.
2. Students may not use both ECO 26000 and ECO 35900 to fulfill this requirement.

Additional Information
An overall average of at least "C+" (2.3 Grade Point Average) must be maintained in these 36 credits of Other Professional Studies (Business Law, Statistics, Finance, Business Core, and Business Elective). This requirement is separate and measured independently of the required 2.5 GPA for the 35 Accounting credits.

Note: There is no minimum required Grade Point Average for the three to thirteen Non-professional Studies credits.

Students enrolled in the BS (accounting) curriculum may use a CR/NC grade only one time toward the 36 credits in the Other Professional Studies requirement. If a student exceeds this limit, any additional CR grades in these 36 credits will be converted to a grade of C and any additional NC grades in these 36 credits will be converted to a grade of F.

**Interdepartmental Fields**

Students may take courses in economics as part of an interdepartmental program of study in Latin American and Caribbean studies, environmental studies (geography), women’s and gender studies and Jewish studies. Listings in each area discuss recommended courses.

**Internships**

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

**Honors**

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

**ECO 49900 - Honors Project**

Jr/Sr only. Supervised individual research and directed reading. Honors essay.  
*prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair.*  
3 hrs  
3 cr.

**Degree Map**

**Degree Map for Accounting**

**Degree Map for Community Health**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Community Health major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses
required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.
COMMUNITY HEALTH - BS Students interested in this program should be aware that they must apply and be accepted into the program to declare. Only a certain amount of students are accepted each semester.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

*Hunter Core*
English Comp (EC)
*GER*
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
*prereq: successful completion of developmental courses, if required*
3 hrs + conf
3 cr.

**SOC 10100 - Introduction to Sociology**

*Hunter Core*
Individual and Society (Social Sciences) -I&S SS
*GER*
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Natural Lab Sciences Course

Spring

**ANTHC 10100 - Introduction to Cultural Anthropology**

*Hunter Core*
Individual and Society (Social Sciences) -I&S SS
*Pluralism and Diversity*
PD/A
*GER*
2/B
Comparative and historical examination of the human condition through a focus on diverse responses to universal
problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

3 hrs  
3 cr.  
offered every sem.  

- Individual & Society/ Humanities  
- Foreign Language Elementary Level 2  
- English Composition 2  
- US Experience in its Diversity

Sophomore Year

Fall

- Scientific World  
- Creative Expression  
- Foreign Language Intermediate Level 3  
  Statistical Methods in Psychological Research, SOC 241 Social Statistics -or- ECO 221 Economic Statistics  
- Elective

Spring

- Social Science 200 or Higher Level Elective  
- Foreign Language Intermediate Level 4  
- Elective  
- Elective  
- Elective

Junior Year

Fall

PH 30100 - Introduction to Community and Public Health

An introduction to the study of structural inequalities that contribute to health disparities with an emphasis on
communities – geographic, identity-based, or virtual, as the focus for research and intervention.

Minimum GPA to enroll - 2.75  
prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or
ANTHC 10100, or equivalent.

3 hrs  
3 cr.

PH 32800 - Public Health Biology
Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.

Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100, or equivalent.

3 hrs
3 cr.

**PH 33000 - Principles of Epidemiology**

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.

Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.

3 hrs
3 cr.

**SOC 30100 - Medical Sociology**

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.

prereq: SOC 10100

3 hrs
3 cr.

- Approved Community Health Elective (see notes)

**Spring**

**PH 30400 - Health Communication Practice**

An introduction to the field of health communication with an emphasis on key technological advances and use of new media (internet and other digital media, social media, mobile technology, etc.) to communicate about health issues as part of public health interventions. It also provides students with practical skills in creating media for health promotion initiatives.

prereq: PH 30200

3 hrs.
3 cr.

**PH 30300 - Social Structure and Health (W)**

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.

prereq: acceptance to the PH major, or permission of the instructor

3 hrs
3 cr.
PH 40500 - Health Care Systems and Health Policy

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.

prereq: PH 30100
3 hrs
3 cr.

PH 41100 - Community Health Assessment

Introduction to assessing health needs of communities and populations, in preparation for fieldwork.

prereq: PH 33000
3 hrs
3 cr.
- Elective

Senior Year

Fall

PH 30200 - Health Program Planning and Evaluation

Addresses process of program planning, development, and evaluation of health promotion programs. Focus is on development of clear, concise objectives leading to design and evaluation of effective primary, secondary, and tertiary prevention strategies.

prereq or coreq: PH 30100. Open to PH BS, MHC-PH, others by permission of instructor
3 hrs
3 cr.

PH 41200 - Directed Fieldwork Practicum

200 hours summer internship to gain experience in community health setting, culminating in production of e-portfoli.

prereq: PH 41100
3 hrs
3 cr.

NFS 14100 - Nutrition

Hunter Core
Scientific World (SW)
Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr.
- Approved Community Health Elective (see notes)
- Elective
Spring

**PH 32500 - Environmental Public Health**

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.

Minimum GPA to enroll - 2.75

*prereq: Any intro Statistic course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 101, or equivalent.*

3 hrs

3 cr.

**PH 40800 - Digital Media and Health**

An introduction to key technological advances and current use of new media (Internet and other digital media, mobile technology, etc.) to communicate about health issues as part of broad community based public health and health communication interventions. It also provides students with practical skills in creating media for health promotion.

*prereq: Acceptance to the PH major or permission of the instructor*

3 hrs

3 cr.

**PH 41300 - Research Symposium**

Overview of quantitative and qualitative research methods and issues in study design and analysis.

*prereq or coreq: PH 41200*

3 hrs

3 cr.

- Elective
- Elective

**Notes:**

- Preferred courses that fulfill natural lab science course are: ANTHP 10100, ANTHP 10200, BIOL 10000, BIOL 10200, BIOL 12500, or BIOL 15000.
- *may be taken an earlier semester
- **COMHE 30600 can be taken instead of COMHE 30300(W). COMHE 30600 is not writing intensive
- Approved Community Health Electives can be found at http://www.hunter.cuny.edu/communityhealth/comhe-major/approved-electives-for-comhe-majors.
- Entrance to major is Fall semester only via a COMHE website online application. UPH/COMHE does not accept Hunter's
- Paper major declaration form.

**Degree Map for Nursing-Accelerated 2nd Degree BS**
This program is designed for students who have a baccalaureate degree in another field and wish to transition into a career in nursing. The program is intensive; students receive a Bachelor of Science degree with a major in Nursing in 18 months provided they have met all general education requirements. The Accelerated 2nd Degree Program is a full-time program that includes weekends, daytime and evening classes.

First Year of Program

Fall

**NURS 20000 - Introduction to Nursing**

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.

RN to BS only: online

*prereq:* CHEM 10000/10100; STAT 11300  
*coreq:* Generic Pathway: NURS 24000  
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100

30 hrs  
2 cr.

offered fall

**NURS 21000 - Nursing Fundamentals and Health Assessment**

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.

Material fee: $50.00

*prereq:*  
(Generic) BIO 12000, NURS 20000, NURS 24000  
(A2D) CHEM 10000/10100; STAT 11300  
*coreq:*  
(Generic) BIO 12200, BIO 23000, NURS 34300  
(A2D) NURS 20000; NURS 22000; NURS 33100

30 hrs Lecture; 30 hrs Health Assessment Lab; 45 hrs Clinical  
4 cr.

**NURS 22000 - Adult Health and Illness**

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utilization of the nursing process, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experimental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00

*prereq:*  
(Generic) NURS 21000, NURS 34300, NURS 24000; BIO 12200, BIO 23000  
(A2D) CHEM 10000/10100; STAT 11300  
*coreq:*  
(Generic) NURS 33100; NURS 33200
NURS 33100 - Pharmacology I

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.

prereq: 1. Generic Program: NURS 21000; NURS 34300; BIO 12200
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300

coreq: 1. Generic Program: NURS 22000, NURS 33200
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs

3 cr.

Winter

NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.

prereq: (Generic and A2D) NURS 22000; NURS 33100

coreq: (generic) NURS 35200; NURS 36000
(A2D) NURS 34300, NURS 35200, NURS 36000

3 hrs.

3 cr.

Spring

NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000

coreq: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000

45 hrs

3 cr.

NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in
classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women’s Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.

prereq: (generic & A2D) NURS 22000; NURS 33100
coreq: (Generic ) NURS 33900; NURS 36000
(A2D) NURS 33900, NURS 34300; NURS 36000
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.

prereq: NURS 22000; NURS 33100 (generic & A2D)
coreq: (Generic) NURS 33900; NURS 35200
(A2D) NURS 33900, NURS 34300; NURS 35200
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical
4 cr.

NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs
3 cr.

Summer

NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.

prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 46000
(A2D) NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.
NURS 46000 - Mental and Behavioral Health Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.

Material fee: $25.00
prereq: (generic & A2D) NURS 35200; NURS 36000
      coreq: (generic) NURS 34900, NURS 45500
(A2D) NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

Second Year of Program

Fall

NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200

3 hrs
3 cr.

NURS 47000 - Adult Acute Illness/Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.

prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
      (A2D) NURS 42000;NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical
4 cr.

NURS 49000 - Gerontological Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment
tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.

**prereq:** NURS 45500; NURS 46000  
**coreq:** (Generic) NURS 42200; NURS 47000; NURS 49200  
(A2D) NURS 42000; NURS 47000; NURS 49200  
30 hrs: Lecture; 90 hrs: Clinical  
4 cr.

**NURS 49200 - Advanced Synthesis of Nursing Knowledge**

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.

**prereq:** (generic) NURS 33900, NURS 34900, NURS 45500, NURS 46000  
(A2D) NURS 33900, NURS 45500, NURS 46000 (A2D)  
**coreq:** (Generic) NURS 42200; NURS 47000; NURS 49000  
(A2D) NURS 42000; NURS 47000; NURS 49000  
22.5 hrs: Lecture, 30 hrs: Lab  
2 cr.

**Notes:**

- Accelerated Second Degree Nursing students are exempted from the Hunter Core Requirement.
- Entrance to major is Fall semester only via application.

**Degree Map for Nursing: Generic Pathway**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Nursing: Generic major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

**Freshman Year**

**Fall**

**ENGL 12000 - Expository Writing**
Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry. Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.
prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 10100 - Inquiries into the Nature of Matter

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic
principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students. Primarily for nursing, nutrition and food science and public health students.

3 hrs
3 cr.

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

PSYCH 15000 - Human Development

GER
2/B

Development from conception to death; biological, physiological and social factors and their interactions at each stage.

prereq: PSYC 10000
3 hrs
3 cr.

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

Hunter Core
Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E

Course presents essential facts, laws and theories of organic chemistry. Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory
**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

*prereq: CHEM 10100*
*prereq or coreq: CHEM 12000*
*3 hrs (3 lab)*
*1.5 cr.*

- Hunter Core

**Sophomore Year**

**Fall**

**BIOL 12000 - Anatomy and Physiology I**
Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
*prereq: CHEM 10000, 10100*
*coreq: CHEM 12000, 12100*
*7 hrs (3 hr Lecture, 1 hr Recitation, 3 hr Lab)*
*4.5 cr.*
*fall only*

**NURS 20000 - Introduction to Nursing**
Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: online

*prereq: CHEM 10000/10100, STAT 11300*
*coreq: Generic Pathway: NURS 24000*
*Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100*
*30 hrs*
*2 cr.*
*offered fall*

**NURS 24000 - Foundations of Genetics for Nurses**
This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.
For RN to BS students only: online
*prereq: (generic) CHEM 10000/10100, STAT 11300;*
(RN-BS) CHEM 10000/10100
coreq: (generic) NURS 20000, NURS 21000
30 hrs. lecture
2 cr.

* Hunter Core
* Hunte Core

Spring

**BIOL 12200 - Anatomy and Physiology II**

Structure and function of circulatory, digestive, exetary, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.

*prereq: BIOL 12000 or equiv.*

7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.

* spring only

**BIOL 23000 - Fundamentals of Microbiology**

GER
3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.

*prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200*

5 hrs (2 lec, 3 lab)
3 cr.

* spring only

**NURS 21000 - Nursing Fundamentals and Health Assessment**

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client’s history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.

Material fee: $50.00

*prereq: (Generic) BIO 12000, NURS 20000, NURS 24000
(A2D)CHEM 10000/10100; STAT 11300
coreq: (Generic): BIO 12200, BIO 23000, NURS 34300
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Assessment Lab; 45 hrs Clinical
4 cr.

**NURS 34300 - Pathophysiology and Nursing Care**
This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000  
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000  
coreq: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000  
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000  
45 hrs  
3 cr.

Junior Year

Fall

**NURS 38000 - Nursing Research and Theory**

Introduction to theory development and research in nursing.  
For RN to BS only: online  
prereq: Generic Program: NURS 21000  
Accelerated 2nd Degree: NURS 22000  
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200  
Accelerated 2nd Degree: none  
3 hrs  
3 cr.

**NURS 22000 - Adult Health and Illness**

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utilization of the nursing process, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experimental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00  
prereq: (Generic): NURS 21000, NURS 34300, NURS 24000; BIO 12200, BIO 23000  
(A2D): CHEM 10000/10100; STAT 11300  
coreq: (Generic) NURS 33100; NURS 33200  
(A2D): NURS 20000, NURS 21000, NURS 33100  
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical  
4 cr.

**NURS 33100 - Pharmacology I**

The first course presenting essential pharmaceutical information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.  
prereq: 1. Generic Program: NURS 21000; NURS 34300; BIO 12200  
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.

prereq: NURS 22000
30 hrs
2 cr.
- Hunter Core

Spring

NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.

prereq: (Generic and A2D) NURS 22000; NURS 33100
coreq: (generic) NURS 35200; NURS 36000
(A2D) NURS 34300, NURS 35200, NURS 36000
3 hrs.
3 cr.

NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women’s Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.

prereq: (generic & A2D) NURS 22000; NURS 33100
coreq: (Generic ) NURS 33900; NURS 36000
(A2D) NURS 33900, NURS 34300; NURS 36000
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the
context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.

**NURS 35000 - Independent Study in Nursing**

An opportunity to explore a topic relevant to nursing which is of individual interest.

1-3 hrs

1-3 cr.

- Hunter Core

**Senior Year**

**Fall**

**NURS 34900 - Foundations of Ethics and End-of-Life Care**

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated "ELNEC Trained."

**prereq:** NURS 22000  
**coreq:** (Generic) NURS 33900; NURS 35200  
(A2D) NURS 33900, NURS 34300; NURS 35200

22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical  
4 cr.

**NURS 46000 - Mental and Behavioral Health Nursing**

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.

Material fee: $25.00

**prereq:** (generic & A2D) NURS 35200; NURS 36000  
**coreq:** (generic) NURS 34900, NURS 45500  
(A2D) NURS 45500

30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical  
4 cr.

**NURS 45500 - Public Health Nursing**
In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.

**prereq:** (generic & A2D) NURS 35200; NURS 36000  
**coreq:** (generic) NURS 34900, NURS 46000  
(A2D) NURS 46000  
30 hrs: Lecture, 90 hrs: Clinical  
4 cr.

- NURS Elective  
- Hunter Core

### Spring

**NURS 47000 - Adult Acute Illness/ Immersion Clinical**

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and/or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.

**prereq:** NURS 45500; NURS 46000  
**coreq:** (Generic) NURS 42200; NURS 49000; NURS 49200  
(A2D) NURS 42000; NURS 49000; NURS 49200  
22.5 hrs: Lecture; 112.5 hrs: Clinical  
4 cr.

**NURS 49000 - Gerontological Nursing**

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with inter-disciplinary health teams.

**prereq:** NURS 45500; NURS 46000  
**coreq:** (Generic) NURS 42200; NURS 47000; NURS 49200  
(A2D) NURS 42000; NURS 47000; NURS 49200  
30 hrs: Lecture; 90 hrs: Clinical  
4 cr.

**NURS 49200 - Advanced Synthesis of Nursing Knowledge**

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the
Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.

prereq: (generic) NURS 33900, NURS 34900, NURS 45500, NURS 46000  
(A2D) NURS 33900, NURS 45500, NURS 46000 (A2D)  
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000  
(A2D) NURS 42000; NURS 47000; NURS 49000  
22.5 hrs: Lecture, 30 hrs: Lab  
2 cr.

NURS 42200 - Health Policy and Leadership

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses' roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000  
coreq: NURS 47000; NURS 49000; NURS 49200  
45 hrs: Lecture  
3 cr.

• Hunter Core

Degree Map for Nutrition and Food Science

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Nutrition and Food Science major. The degree map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) and elective classes may be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the degree map to fit your situation. Consult with your adviser about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core  
English Comp (EC)  
GER  
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.

prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 15000 or MATH 15200 or MATH 15500
4 hrs (3 lec, 1 rec)
3 cr.

3 hrs
3 cr.

CHEM 10100 - Inquiries into the Nature of Matter

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students.
Primarily for nursing, nutrition and food science and public health students.

Spring

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

Hunter Core
Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E

Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

• HCR - Individual and Society : Humanities
• Foreign Language - Elementary Level I
CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry. Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

• HCR - English Composition
• STAT 113 or STAT 213
• Foreign Language - Elementary Level II
• PSYCH 100 or Higher

Sophomore Year

Fall

BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
fall only

NFS 13100 - Food Science I

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr.

• HCR - US Experience in its Diversity
• HCR - Creative Expression
• Foreign Language - Intermediate Level I

Spring

BIOL 12200 - Anatomy and Physiology II
Structure and function of circulatory, digestive, excretory, endocrine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.

prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
spring only

BIOL 23000 - Fundamentals of Microbiology

GER
3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.

prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

NFS 14100 - Nutrition

Hunter Core
Scientific World (SW)
Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.

3 hrs
3 cr.

- ECO 100 or ECO 201
- Foreign Language - Intermediate Level II

Junior Year

Fall

NFS 33300 - Nutrition Education

Introduction to the theories and principles of the teaching-learning process in the field of nutrition.
Open to NFS majors only and need department permission.

prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 33500 - Institutional Management

Overview of the theories, functions and tasks of management. Discussion of labor and effective methods for directing an operation with applications drawn from food service.
Open to NFS majors only and need department permission.

prereq: NFS 13100, 14100
NFS 43500 - Food Service Systems

The organization and administration of a food service operation from the systems approach on the tactical and strategic level, stressing learning activities and competencies required by the American Dietetic Association. Open to NFS majors only and need department permission.

prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 44100 - Community Nutrition

Analysis of nutrition services, legislation and policy; role and function of community nutritionists; nutrition education in a community setting. Open to NFS majors only and need department permission.

prereq: NFS 13100, 14100
3 hrs
3 cr.

• HCR - Concentrated Study

Spring

NFS 34200 - Nutrition and Human Development

Nutritional needs throughout the life cycle: pregnancy, infancy, childhood, adolescence, adulthood and later years. Open to NFS majors only and need department permission.

prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 40200 - Seminar in Nutrition and Food Science

Research in nutrition and food science; examination of professional goals. Open to NFS majors only and need department permission.

prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 44351 - Practicum in Nutrition and Food Science

Practicum in institutions, agencies, business and research firms; projects. Open to NFS majors only and need department permission.

prereq: NFS 13100, 14100
7 hrs (1 lec, 6 lab)
3 cr.

PH 33000 - Principles of Epidemiology
Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.
3 hrs
3 cr.

Senior Year

Fall

• ELECTIVE
• ELECTIVE
• ELECTIVE
• ELECTIVE
• ELECTIVE

Spring

• ELECTIVE
• ELECTIVE
• ELECTIVE
• ELECTIVE
• ELECTIVE (1.5 credits)

Medical Laboratory Sciences - BS

The Department of Medical Laboratory Sciences (MLS) offers two majors:

(1) Medical Laboratory Sciences: Biomedical Science BS and

(2) Medical Laboratory Sciences: Clinical Science BS.

The Clinical Science major is intended for students pursuing careers in the diagnostic laboratory and meets the requirements for NY State licensure of clinical laboratory technologists. The Biomedical Science major is appropriate for students seeking other careers or graduate education in the biomedical field.

Professional Outcomes

Entry-Level Positions Students completing the MLS degree are prepared for positions in a variety of settings. These include clinical laboratory (medical) technologists of diagnostic laboratories in hospitals and commercial environments, and research assistants in medical center and university labs, pharmaceutical and biotechnology companies and public health laboratories. Personnel shortages are severe in several of these areas, and opportunities are predicted to grow. The Bureau of Labor Statistics projects growth of 12% for clinical laboratory positions from 2016 to 2026.

The passage of the Clinical Laboratory Technology Practice Act in 2005 created a transparent professional pathway defining the education, experience and examination to qualify as a clinical laboratory technologist in New York State NYSED Office of the Professions. The course of study in the Medical Laboratory Sciences: Clinical Science major fulfills the educational and practice components for licensure.
Further Education

MLS students are encouraged to plan for postbaccalaureate education, and are guided to complete prerequisites. MLS alumni have been successful in medical and dental school, graduate programs in biomedical science (master's and PhD), management and clinical specialties (PA, forensic science, etc.) and advanced laboratory diagnostics such as cytotechnology.

Opportunities for Pre-Professional Experience

- **Professional Practice:** Qualified students planning for careers in the diagnostic lab enroll in MLSP 41000 to fulfill the practical experience requirement of the clinical laboratory technologist license. Students are assigned to hospital, reference or public health labs for summer or semester-long internship experience in an area consistent with their interests.

- **Student Research:** Qualified students are encouraged to participate in faculty research projects through independent study and honors courses in such areas as innate immune regulation, bacteriophage, microbial pathogenesis, antimicrobials, gastric secretion and cancer, glutamate receptors in neurological diseases and cancer, and myelination in the peripheral and central nervous systems.

- **Academic Advising:** MLS majors meet each semester with a faculty adviser to review progress and plan the next semester's program. The adviser helps students pace their studies appropriately. Counseling for graduate school, employment and reference support is ongoing for our alumni. A strong professional network exists among MLS alumni.

Admission Requirements

Students must meet the following minimum requirements to be considered for admission to the Medical Laboratory Sciences-BS majors:

Completion of 60 credits before enrolling in MLS, including: one year of general chemistry with lab (CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM), or equivalent) 1 year of general biology with lab BIOL 10000 (STEM), BIOL 10200 (STEM), or equivalent) and an overall GPA of at least 2.5. *Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and resources. The Hunter College Department of Medical Laboratory Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.*

Students can enter the Medical Laboratory Sciences major in fall and spring semesters. Advisors welcome e-mail inquiries anytime. To apply, both current Hunter College students and transfer students must complete the CUNY Transfer Application. Applicants should log in with their CUNYfirst account or create a CUNY Application account if they have never attended a CUNY institution. Be sure to select “Medical Laboratory Sciences” at Hunter College as the intended major. Admissions decisions are made on a rolling basis so students should apply and complete the application as as early as possible. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their Hunter Core Requirement (HCR) General Education - Effective Fall 2019 which includes the CUNY Common Core, the Hunter Focus on foreign language and the concurrent requirements before entering the program, but liberal arts classes can be interspersed with major courses.

Students are encouraged to contact the Department Chair or Undergraduate Advisor listed below to ask any questions or learn more about the MLS majors before applying.

Scholastic Requirements
Student grades are reviewed each semester to determine eligibility for remaining in the program. Each student must maintain an overall GPA of 2.0 for each semester and a grade of C or better in each major course. Major courses must be taken for letter grades except, at the discretion of the chair, for clinic, field or independent study. Departmental permission is required in order to register for courses. Faculty advisers authorize course permissions during the pre-registration and registration periods.

Contact Us

Department Chair:

Steven Einheber, PhD
Brookdale Campus West 700A
(212) 481-4442, 4502
E-mail: seinhebe@hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/mls

Undergraduate Advisor:

Abigail Rodriguez-Morales, PhD
Brookdale Campus West 707
(212) 481-8795
E-mail: ar4835@hunter.cuny.edu

HEGIS Code: 1223

Medical Laboratory Sciences: Biomedical Science BS

Go to Medical Laboratory Sciences - BS

Overview

The Medical Laboratory Sciences (MLS): Biomedical Science major prepares students for careers in biomedical laboratories and other health-related professions. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into the following categories:

1. fundamental lab skills
2. clinical subspecialties
3. advanced biomedical courses

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Biomedical Science major is appropriate for students seeking graduate education in biomedical or health-related fields. This major does not meet the requirements for NY State licensure of clinical laboratory technologists. For the licensure-qualifying program, please see the Medical Laboratory Sciences: Clinical Science BS major. The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to. Part-time attendance and some evening classes are mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site for more detail.
Admission Requirements

The requirements for consideration for admission to Medical Laboratory Sciences - BS programs are as follows:

- Completion of 60 credits before enrolling in MLS, including: one year of general chemistry with lab CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM) or equivalent
- 1 year of general biology with lab (BIOL 10000 (STEM), BIOL 10200 (STEM) or equivalent
- Overall GPA of at least 2.5.

Students can enter the Medical Laboratory Sciences major in fall and spring semesters. Advisers welcome e-mail inquiries anytime. To apply both current Hunter College students and transfer students must complete a Transfer Application with the CUNY University Application Processing Center. Visit http://www.hunter.cuny.edu/prospectivestudents/ug_students/transfer.shtml and select On-Line Application from the choices. Be sure to select "Medical Laboratory Sciences" at Hunter College as the choice of curriculum. Use CUNY curriculum code 0344 when applying. Admissions take place on a rolling basis so students should apply as early as possible. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their General Education - Effective Fall 2019 (HCR) which includes the CUNY Common Core Requirement, the Hunter Focus on foreign language and the Concurrent Requirements before entering the program, but liberal arts classes can be interspersed with major courses. Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and resources. The Hunter College Department of Medical Lab Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (79-92 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Math Courses (3-13 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary
statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.
Courses in Other Departments (31 cr.)

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
**Pluralism and Diversity**  
PD/C or D  
**GER**  
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.  
Material Fee: $5  
PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500  
7 hrs (3 lec, 3 lab, 1 disc)  
4.5 cr.  
*spring only*

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**  
Scientific World (SW); Life and Physical Sciences (LPS)  
**Pluralism and Diversity**  
PD/C or D  
**GER**  
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.  
Material fee: $5  
PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN  
7 hrs (3 lec, 3 lab, 1 disc)  
4.5 cr.  
*fall only*

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**  
Scientific World (SW); Life and Physical Sciences (LPS)  
**GER**  
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.  
Primarily for pre-med, medical laboratory sciences and science majors.
prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

*These courses may be counted for credit in more than one program.

Biomedical Science Curriculum (40-42 cr.)

MLSP 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment.
MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr.

MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr.

MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.
coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLSP 30000
MLSP 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
Pre/Co: MLSP 30000

MLSP 35200 - Clinical Microbiology II

Continuation of MLSP 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
Pre: MLSP 30000, 35100 or equiv.

MLSP 35400 - Clinical Biochemistry I: Biomolecules & Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
Pre: CHEM 22200

MLSP 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.
Pre: MLSP 35400

MLSP 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.
Pre: MATH 15000 or STAT 11300

MLS 45000 - Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.
Pre: MLSP 35100
Co: MLS 34700, 35200
MLSP 45700 - Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science.

prereq: perm instr.

2 hrs

3 cr.

MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.

prereq: MLS 34900, 35100
coreq: MLS 35200, 35400

5 hrs (2 lec, 3 lab)

3 cr.

PH 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.

Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.

3 hrs

3 cr.

Electives (5-6 cr.)

MLSP 40000 - Topics in Biomedical Sciences

Topics vary from semester to semester and are announced before registration.

1-3 hrs

1-3 cr.

MLS 48001-48003 - Independent Study

prereq or coreq: departmental permission

1-3

MLS 49000 - Honors

prereq: departmental permission

hrs TBA

3 cr.

CHEM 22400 - Organic Chemistry Lecture II
GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq:* CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

**CHEM 22500 - Organic Chemistry Laboratory II**

GER
3/B

Continuation of CHEM 22300.

*prereq:* CHEM 22300
*prereq or coreq:* CHEM 22400
4 hrs
2.5 cr

**MATH 15500 (STEM) - Calculus II**

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*
4 hrs
4 cr.

**STAT 11300 - Elementary Probability and Statistics**

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

*prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam*
*prereq or coreq:* ENGL 12000
3 hrs
3 cr.
Degree Map

Degree Map for Medical Laboratory Sciences: Biomedical Science

Medical Laboratory Sciences: Clinical Science BS

Go to Medical Laboratory Sciences - BS

Overview

Medical Laboratory Sciences (MLS): Clinical Science is a pre-professional major, preparing students for careers in laboratories devoted to promoting, maintaining and restoring human health. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into the following categories:

1. fundamental lab skills
2. clinical subspecialties
3. advanced biomedical courses
4. pre-professional practice

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Clinical Science major is intended for, but not limited to, students pursuing careers in the diagnostic laboratory and is designed to meet the requirements for NY State licensure of clinical laboratory technologists. The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to. Part-time attendance and some evening classes are mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site: http://www.hunter.cuny.edu/mls for more detail.

Admission Requirements

The requirements for consideration for admission to Medical Laboratory Sciences - BS programs are as follows:

- Completion of 60 credits before enrolling in MLS, including: one year of general chemistry with lab (CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM) or equivalent)
- 1 year of general biology with lab (BIOL 10000 (STEM), BIOL 10200 (STEM) or equivalent)
- overall GPA of at least 2.5.

Students can enter the Medical Laboratory Sciences major in fall and spring semesters. Advisers welcome e-mail inquiries anytime. To apply both current Hunter College students and transfer students must complete a Transfer Application with the CUNY University Application Processing Center. Visit http://www.hunter.cuny.edu/prospectivestudents/ug_students/transfer.shtml and select On-Line Application from the choices. Be sure to select "Medical Laboratory Sciences" at Hunter College as the choice of curriculum. Use CUNY curriculum code 0344 when applying. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their Hunter Core Requirement - Fall 2013 to Spring 2019 (HCR) which includes the CUNY Common Core Requirement, the Hunter Focus on foreign language and the Concurrent Requirements before entering the program, but liberal arts classes can be interspersed with major courses. Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and resources. The Hunter College Department of Medical Lab Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (80-90 credits)

Math Courses (3-11 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.*

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.*

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

*note: This course is equivalent to MATH12500 for grade replacement purposes.*

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.*

**STAT 11300 - Elementary Probability and Statistics**

**Hunter Core**
Math/Quantitative Reasoning
GER
Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

Courses in Other Departments (31 credits)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

*These courses may be counted for credit in more than one program.

Clinical Science Curriculum (46-48 credits)

MLSP 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment.
MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr.

MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr.
MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.

coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.

prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.

prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35200 - Clinical Microbiology II

Continuation of MLSP 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.

prereq: MLSP 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.

MLSP 35400 - Clinical Biochemistry I: Biomolecules & Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.

prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr.

MLSP 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.

prereq: MLSP 35400
5 hrs (2 lec, 3 lab)
3.5 cr.

MLSP 36100 - Computers and Data Processing in the Medical Laboratory
Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.

**prereq:** MATH 15000 or STAT 11300

3 hrs (1 lec, 2 lab)

3 cr.

**MLSP 41000 - Professional Practice**

Directed full-time experience in clinical, research, public health or other biomedical laboratories. Arranged on an individual basis.

*prereq: departmental permission*

8 weeks

3 cr.

**MLSP 43000 - Immunohematology**

Study of the immunologic properties of blood associated with blood group systems, donor screening, transfusion reactions and hemolytic disease and laboratory techniques used to characterize antigen-antibody reactions.

*prereq: MLSP 34900*

3 hrs (2 lec, 1 lab)

3 cr.

**MLS 45000 - Cell and Tissue Culture**

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.

*prereq: MLSP 35100*

*coreq: MLS 34700, 35200*

5 hrs (2 lec, 3 lab)

4 cr.

**MLSP 45700 - Senior Seminar**

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science.

*prereq: perm instr.*

2 hrs

3 cr.

**MLS 46000 - Immunology**

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.

*prereq: MLS 34900, 35100*

*coreq: MLS 35200, 35400*

5 hrs (2 lec, 3 lab)

3 cr.

**PH 33000 - Principles of Epidemiology**
Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
Minimum GPA to enroll - 2.75
prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.
3 hrs
3 cr.

Degree Map for Medical Lab Sciences: Clinical Science

Nursing Accelerated 2nd Degree Program

This program is designed for students who have a baccalaureate degree in another field and wish to transition into a career in nursing. The program is intensive; students receive a Bachelor of Science degree with a major in Nursing in 18 months provided they have met all general education requirements. The Accelerated 2nd Degree Program is a full-time program that includes weekends, daytime and evening classes.

Requirements for Admission

In order to be considered for admission into the Accelerated 2nd Degree Program, applicants must meet eligibility requirements and admission criteria. All students applying to the Accelerated 2nd Degree Nursing Program must have a baccalaureate degree from an accredited institution with a minimum cumulative GPA of 3.2 and a minimum grade of "B" in all science courses by June 1 preceding their entrance into the program. Students who meet GPA and degree requirements are required to take the National League for Nursing Pre-admission-RN Examination in order to apply for admission into the program.

Students may take their last two required courses for admission during the spring semester of the admission process. Required courses must be taken for a grade: courses taken on a credit/no credit (CR/NC) basis will not be accepted. Students may not take required courses during the summer immediately preceding the fall entry into the program. Proof of successful completion of courses taken in the spring must be received by the School of Nursing by June 1. Because admissions decisions are made before the spring term ends, applicants with pending grades will be conditionally accepted until receipt of final grades. Acceptance into the nursing major is based on the following admission criteria: composite admission score (GPA plus score on NLN Pre-Admission-RN Examination) and completion of all admission requirements. The composite scores are rank ordered from the highest to the lowest, and admission decisions are given to those applicants with the highest scores.

Requirements for the Degree:

69 non-nursing and 51 nursing credits

Accelerated 2nd Degree Program:

**NURS 20000 - Introduction to Nursing**

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: online
prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

NURS 21000 - Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.

Material fee: $50.00
prereq: (Generic) BIO 12000, NURS 20000, NURS 24000
(A2D) CHEM 10000/10100; STAT 11300
coreq: (Generic): BIO 12200, BIO 23000, NURS 34300
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Assessment Lab; 45 hrs Clinical
4 cr.

NURS 22000 - Adult Health and Illness

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utilization of the nursing process, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experimental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00
prereq: (Generic): NURS 21000, NURS 34300, NURS 24000; BIO 12200, BIO 23000
(A2D): CHEM 10000/10100; STAT 11300
coreq: (Generic): NURS 33100; NURS 33200
(A2D): NURS 20000; NURS 21000, NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical
4 cr.

NURS 33100 - Pharmacology I

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.

prereq: 1. Generic Program: NURS 21000; NURS 34300; BIO 12200
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000, NURS 33200
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000
3 hrs
3 cr.
NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.

prereq: (Generic and A2D) NURS 22000; NURS 33100
coreq: (generic) NURS 35200; NURS 36000
(A2D) NURS 34300, NURS 35200, NURS 36000
3 hrs.
3 cr.

NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000
coreq: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000
45 hrs
3 cr.

NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.

prereq: (generic & A2D) NURS 22000; NURS 33100
coreq: (Generic) NURS 33900; NURS 36000
(A2D) NURS 33900, NURS 34300; NURS 36000
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.

prereq: NURS 22000; NURS 33100 (generic & A2D)
coreq: (Generic) NURS 33900; NURS 35200
NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs
3 cr.

NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
3 cr.

NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 46000 (A2D) NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.

NURS 46000 - Mental and Behavioral Health Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
Material fee: $25.00
prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 45500
(A2D) NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

NURS 47000 - Adult Acute Illness/Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and/or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000; NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical
4 cr.

NURS 49000 - Gerontological Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr.

NURS 49200 - Advanced Synthesis of Nursing Knowledge

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.
prereq: (generic) NURS 33900, NURS 34900, NURS 45500, NURS 46000
(A2D) NURS 33900, NURS 45500, NURS 46000 (A2D)
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
(A2D) NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs: Lab
2 cr.

Degree Map
Nursing Course Listing

Return to Hunter-Bellevue School of Nursing

Note: Students who fail a core prerequisite course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of "C" in all required nursing courses. Only one failed required nursing course is repeatable only once by students who have received a "D" or less. Students who fail a second required nursing course in the sequence may not repeat that course and may not continue in the major. This policy applies even though a grade appeal is in progress.

Generic Pathway Courses

Nursing Generic Program

NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: online

prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

NURS 33100 - Pharmacology I

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse’s role in drug therapy.

prereq: 1. Generic Program: NURS 21000; NURS 34300; BIO 12200
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
coreq: 1. Generic Program: NURS 22000, NURS 33200
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000
3 hrs
3 cr.

NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.

prereq: NURS 22000
NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.  
For RN to BS only: online  
prereq: Generic Program: NURS 21000  
Accelerated 2nd Degree: NURS 22000  
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200  
Accelerated 2nd Degree: none

3 hrs  
3 cr.

Accelerated Second Degree Pathway Courses

Nursing Accelerated 2nd Degree Program

NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.  
RN to BS only: online

prereq: CHEM 10000/10100; STAT 11300  
coreq: Generic Pathway: NURS 24000  
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100  
30 hrs  
2 cr.  
offered fall

NURS 33100 - Pharmacology I

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.  
prereq: 1. Generic Program: NURS 21000; NURS 34300; BIO 12200  
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300  
coreq: 1. Generic Program: NURS 22000, NURS 33200  
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000  
3 hrs  
3 cr.

NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.
NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000
coreq: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000
45 hrs
3 cr.

NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs
3 cr.

NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
3 cr.

RN Pathway Courses

Nursing RN-to-BS

NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses.
Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service-learning are introduced.

for RN students only

3 hrs
3 cr.

**NURS 38000 - Nursing Research and Theory**

Introduction to theory development and research in nursing.

For RN to BS only: online

*prereq: Generic Program: NURS 21000*

*Accelerated 2nd Degree: NURS 22000*

*coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200*

*Accelerated 2nd Degree: none*

3 hrs
3 cr.

**NURS 38100 - Health Assessment Throughout the Lifespan**

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.

Fully online.

Material Fee: $45

*prereq: CHEM 10000, CHEM 10100*

3 hrs
3 cr.

**NURS 48000 - Promotion of Wellness in the Community**

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement.

4 hrs
4 cr.

**NURS 48200 - Advancement of Roles and Relationships in Professional Nursing**

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.

Fully online-hybrid.

3 hrs
3 cr.

**Nursing Electives**

**NURS 34000 - Women's Health**

*Pluralism and Diversity*

PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr.

**NURS 34200 - Ethical Issues in Nursing Practice**

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

3 hrs
3 cr.

**NURS 34300 - Pathophysiology and Nursing Care**

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000
coreq: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000
45 hrs
3 cr.

**NURS 34500 - HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers**

Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.

3 hrs
3 cr.

**NURS 34600 - Death and Dying**

**Pluralism and Diversity**
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.

3 hrs
3 cr.

**NURS 35000 - Independent Study in Nursing**

An opportunity to explore a topic relevant to nursing which is of individual interest.

1-3 hrs
1-3 cr.
NURS 35100 - Gender, Science and Technology

Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3 cr.

NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service-learning are introduced.
for RN students only
online
3 hrs
3 cr.

NURS 39998 - Urban Disaster Response and the Health Care Team

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.
3 hrs
3 cr.

NURS 44000 - Stress Management for Nurses

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.
3 hrs
3 cr.

NURS 44100 - Selected Studies in Nursing Research

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.
prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs.
3 cr.

NURS 44200 - Nursing Care of Acute and Critically Ill Clients

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.
3 hrs
3 cr.
NURS 44500 - Teaching-Learning Across the Developmental and Health Continua

Pedagogical/andrological principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.

3 hrs
3 cr.

NURS 45000 - Computer Concepts and Application in Nursing

Study of computing concepts, principles, practices, and applications in nursing and health care.

3 hrs
3 cr.

NURS 48300 - Politics of Health

An analysis of the relationships between politics and health status, health services and health care providers.

3 hrs
3 cr.

Leave of Absence Policy and Reserved Placement in a Clinical Course

A reserved placement in a clinical/field course will be held for the student for only one year from the date of the leave of absence. The School of Nursing cannot guarantee the placement for any longer period of time. It is the responsibility of the student to submit to the undergraduate program director a letter of intent, one semester prior to returning to the program and enrolling in the course (April 1 for a fall course). Students who fail to follow this procedure release the School of Nursing from reserving a clinical/field placement in a course for the student.

Nursing Generic Program

The Hunter-Bellevue School of Nursing undergraduate program of study combines liberal arts and professional nursing education with a humanistic and comprehensive approach to health care, leading to a Bachelor of Science degree with a major in Nursing. At the completion of this generic program, students are eligible to take the National Council of State Boards Licensing Examination for RNs (NCLEX-RN). The undergraduate program also provides a foundation for graduate study. The Generic Program consists of two parts:

- Non-nursing (liberal arts and core requirements)
- Nursing (professional nursing education)

Students are considered for admission to the school of nursing for the fall semester only, after completing non-nursing pre-requisite courses and an application. Only students admitted to the School of Nursing are permitted to declare nursing as their major. Students admitted to the School of Nursing are required to attend the program on a full-time basis.

Requirements for Admission to Nursing Program

All students applying to the Generic Nursing Program must have a college GPA of 3.2 or above by the end of the fall semester preceding spring application.
Courses taken prior to clinical nursing courses may not be taken on a Credit/No Credit basis.

Required courses for admission to nursing major with a minimum GPA of 3.2 and a minimum grade of "B" in statistics and all science courses:
- General Chemistry with lab (CHEM 10000/CHEM 10100) or higher equivalent course
- Organic Chemistry with lab (CHEM 12000/CHEM 12100) or higher equivalent course
- Introduction to Statistics (STAT 11300) or higher equivalent course
- History (HIST 15100, HIST 15200 or POLSC 11000)
- English Composition (ENGL 12000 and ENGL 22000)
- General Psychology (PSYCH 10000)
- Human Development (Developmental Psychology of the Life Span; PSYCH 15000)

Students enrolled in required courses for admission to nursing major during the spring semester of application must provide proof of a minimum cumulative GPA of 3.2 and a minimum grade of "B" in all science courses no later than June 1st in order to receive final acceptance to the nursing major.

A career goal statement will be required.

Complete the NLN RN Pre-Admission exam (referred to as the NLN PAX exam) which is administered in February at Hunter College Testing Center (150N)

Non-Nursing Program Requirement

For CUNY Common Core-Required Core & CUNY Common Core-Flexible Core go to General Education - Effective Fall 2019.

Nursing Program Requirements (120 credits)

Requirements for the degree:

60 non-nursing and 60 nursing credits.

BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
fall only

BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, excretory, endocrine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
spring only

BIOL 23000 - Fundamentals of Microbiology
GER 3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program. Not accepted for credit toward the biology Major I.

prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200

5 hrs (2 lec, 3 lab)

3 cr.
spring only

NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced. RN to BS only: online

prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000

Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100

30 hrs

2 cr.

offered fall

NURS 21000 - Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.

Material fee: $50.00

prereq: (Generic) BIO 12000, NURS 20000, NURS 24000

(A2D) CHEM 10000/10100; STAT 11300
coreq: (Generic) BIO 12200, BIO 23000, NURS 34300

(A2D): NURS 20000; NURS 22000; NURS 33100

30 hrs Lecture; 30 hrs Health Assessment Lab; 45 hrs Clinical

4 cr.

NURS 22000 - Adult Health and Illness

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utilization of the nursing process, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experimental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00

prereq: (Generic) NURS 21000, NURS 34300, NURS 24000; BIO 12200, BIO 23000

(A2D): CHEM 10000/10100; STAT 11300
coreq: (Generic) NURS 33100; NURS 33200
NURS 24000 - Foundations of Genetics for Nurses

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.

For RN to BS students only: online
Prereq: (generic) CHEM 10000/10100, STAT 11300;
(RN-BS) CHEM 10000/10100
Coreq: (generic) NURS 20000, NURS 21000
30 hrs. lecture
2 cr.

NURS 33100 - Pharmacology I

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.

Prereq: 1. Generic Program: NURS 21000; NURS 34300; BIO 12200
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
Coreq: 1. Generic Program: NURS 22000, NURS 33200
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000
3 hrs.
3 cr.

NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.

Prereq: NURS 22000
30 hrs
2 cr.

NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.

Prereq: (Generic and A2D) NURS 22000; NURS 33100
Coreq: (generic) NURS 35200; NURS 36000
(A2D) NURS 34300, NURS 35200, NURS 36000
3 hrs.
3 cr.
**NURS 34300 - Pathophysiology and Nursing Care**

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

**prereq:** 1. Generic Program: BIO 12000; NURS 20000; NURS 24000  
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000  
**coreq:** 1. Generic Program: BIO 12200, BIO 23000, NURS 21000  
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000

45 hrs  
3 cr.

**NURS 34900 - Foundations of Ethics and End-of-Life Care**

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated “ELNEC Trained.”

**prereq:** NURS 22000  
**coreq:** NURS 45500; NURS 46000

45 hrs. lecture  
3 hrs.

**NURS 35200 - Nursing Care of Women and Childbearing Families**

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.

**prereq:** (generic & A2D) NURS 22000; NURS 33100  
**coreq:** (Generic) NURS 33900; NURS 36000  
(A2D) NURS 33900, NURS 34300; NURS 36000

30 hrs. Lecture, 90 hrs. Clinical

4 cr.

**NURS 36000 - Nursing Care of Infants, Children, and Adolescents**

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.

**prereq:** NURS 22000; NURS 33100 (generic & A2D)
NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs
3 cr.

NURS 42200 - Health Policy and Leadership

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses' roles in advocating on behalf of patients, themselves and the profession.
prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
45 hrs: Lecture
3 cr.

NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.
prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 46000
(A2D) NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.

NURS 46000 - Mental and Behavioral Health Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
Material fee: $25.00

NURS 47000 - Adult Acute Illness/ Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and/or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.

prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000; NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical
4 cr.

NURS 49000 - Gerontological Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.

prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr.

NURS 49200 - Advanced Synthesis of Nursing Knowledge

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.

prereq: (generic) NURS 33900, NURS 34900, NURS 45500, NURS 46000
(A2D) NURS 33900, NURS 45500, NURS 46000 (A2D)
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
(A2D) NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs: Lab
2 cr.
Repeating a Course

*Note: Students who fail a core prerequisite course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of "C" in all required nursing courses. Students who receive a grade of "D" or lower will be allowed to repeat the course only once. Students who fail a second required nursing course will be dismissed from the nursing program. This policy applies even if a grade appeal is in progress. Students who fail the clinical portion of a course will receive an "F" for the entire course, regardless of the corresponding theory grade.*

Leave of Absence Policy and Reserved Placement in a Clinical Course

*A reserved placement in a clinical/field course will be held for the student for only one year from the date of the leave of absence. It is the responsibility of the student to submit to the undergraduate program Associate Dean a letter of intent, one semester prior to returning to the program and enrolling in the course (April 1 for a fall course). Students who fail to follow this procedure release the School of Nursing from reserving a clinical/field placement in a course for the student.*

Degree Map for Nursing: Generic Pathway

Degree Map for Nursing: Generic Pathway

**Nursing RN-to-BS**

The Hunter School of Nursing RN-to-BS program of study combines liberal arts and professional nursing education with a humanistic and comprehensive approach to health care, leading to a Bachelor of Science degree with a major in Nursing. The undergraduate program also provides a foundation for graduate study. The Program consists of two parts:

- Non-nursing (liberal arts and core requirements)
- Nursing (professional nursing education)

**Admission Criteria: RN-to-BS Program**

An overall college GPA of 3.2 in addition to other requirements is the minimum requirement for consideration of an application. Admission to the School of Nursing is competitive.

The program is designed for RN students who have already completed a two- or three-year nursing program. All RN students admitted to the program are required to submit evidence of NYS RN licensure, health insurance, medical records with specified immunizations, background check and drug test, and CPR certification prior to entering the first semester of the nursing major.

Applicants who are in the process of taking the licensing examination are admitted conditionally. Proof of receipt of an RN license must be submitted to the Hunter-Bellevue School of Nursing by December 1 for students admitted in the fall. Students unable to show proof of license will not be permitted to continue in the nursing major. Applicants to the RN-BS Program must have completed 36 credits of liberal arts and sciences (including credits in progress) at an accredited college, plus the equivalent of 24 credits in nursing.

Students transferring from any accredited associate degree program in the United States will be granted 24 nursing credits for having a Professional Registered Nurse license. The Nursing Regents College Examinations (RCE'S) in
Adult Nursing, Maternal and Child Nursing, and Psychiatric/Mental Health Nursing at the baccalaureate level are required for applicants from schools without accreditation, and for international graduates. A grade of “C” or better is acceptable.

Students should download a current RN Program Fact Sheet, which details the admission process, from the Hunter-Bellevue School of Nursing website at http://www.hunter.cuny.edu/nursing.

International applicants who need an F-1 or J-1 visa are not currently eligible for this program.

**Lower Division: Hunter Core (66 credits)**

Students entering Hunter with an AAS degree are required to complete Core, Pluralism and Diversity, and one writing course. Transfer students will have their transcripts evaluated upon admission by the admissions office. Courses for which equivalency is granted need not be repeated. Some transfer courses also may be used to satisfy Core requirements. For CUNY Common Core, Required Core & CUNY Common Core, Flexible Core go to General Education - Effective Fall 2019.

**Non-nursing courses taken prior to admission to BS nursing courses at Hunter**

**Prerequisite Courses (courses meet Hunter Core as noted)**

- English Composition (ENGL 12000 or transfer equivalent)* meets English Comp 1
- Introduction to Statistics (STAT 11300 or transfer equivalent)* meets M/QR
- General Psychology (PSYCH 10000 or transfer equivalent)
- Human Development (PSYCH 15000 or transfer equivalent)
- General Chemistry with Lab (CHEM 10000 (STEM) and CHEM 10100 or transfer equivalent) * meets LPS
- Anatomy & Physiology (BIOL 12000 & BIOL 12200 or transfer equivalent)
- Microbiology with lab (BIOL 23000 or transfer equivalent)
- 12.5 credits of science and math in addition to Statistics and Chemistry

**Upper Division: Major Requirements**

Students partially fulfill the major requirements with 24 credits of nursing with their AAS degree or Regents Colleges Examinations. The remaining major courses are completed at Hunter:

**NURS 20000 - Introduction to Nursing**

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced. RN to BS only: online

*prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall*
**NURS 24000 - Foundations of Genetics for Nurses**

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.

For RN to BS students only: online

*prereq:* (generic) CHEM 10000/10100, STAT 11300; (RN-BS) CHEM 10000/10100

*coreq:* (generic) NURS 20000, NURS 21000

30 hrs. lecture

2 cr.

**NURS 33400 - Pathopharmacology**

An intensive course focused on a molecular understanding of the disease process. The course emphasizes physiological disruptions, associated nursing care, and pharmacological management.

For RN students only

online

*prereq:* CHEM 10000/10100; BIOL 23000

4 hrs

4 cr.

**NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System**

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service- learning are introduced.

For RN students only

online

3 hrs

3 cr.

**NURS 38000 - Nursing Research and Theory**

Introduction to theory development and research in nursing.

For RN to BS only: online

*prereq:* Generic Program: NURS 21000

Accelerated 2nd Degree: NURS 22000

*coreq:* Generic Program: NURS 22000; NURS 33100; NURS 33200

Accelerated 2nd Degree: none

3 hrs

3 cr.

**NURS 38100 - Health Assessment Throughout the Lifespan**

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.
Fully online.
Material Fee: $45

prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr.

**NURS 42300 - Foundations of Ethics and Palliative Care**

An introduction to ethics and palliative care in nursing.

for RN students: online
prereq: CHEM 10000/10100; STAT 11300
3 hrs
3 cr.

**NURS 48000 - Promotion of Wellness in the Community**

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement.
4 hrs
4 cr.

**NURS 48200 - Advancement of Roles and Relationships in Professional Nursing**

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.
Fully online-hybrid.
3 hrs
3 cr.

**NURS 49100 - Gerontology for Nurses**

This course provides a knowledge and skill base for effective nursing care of older adult clients.

For RN students only
online
prereq: CHEM 10000/10100
3 hrs
3 cr.

Total upper division credits: 54

Total minimum credits required for degree: 120

**Repeating a Course**

*Note: Students who fail a course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of "C" in all required nursing courses. Students who receive a grade of "D" or lower in a clinical nursing course will be allowed*
to repeat the course only once. Students who fail a second required nursing course will be dismissed from the nursing program. This policy applies even if a grade appeal is in progress. Students who fail the clinical portion of a course will receive an “F” for the entire course, regardless of the corresponding theory grade.

**Nutrition and Food Science - BS**

**Overview**

The competitive 54-credit Nutrition and Food Science bachelor of science major (NFS-BS) begun junior or senior year is a diverse science-based program where students learn about food and its effect on health. It offers a comprehensive study of the fundamental principles of nutrition, food science and safety, food service management and community nutrition education. This is accomplished through the application of a variety of sciences. Students who like physical and biological sciences, are interested in good health, enjoy working with people, and are concerned about the nutritional well-being of people and communities will find interesting and challenging career opportunities within health care fields or in the food industry. The NFS major at Hunter develops these interests and prepares students for challenging opportunities after graduation.

This major is designed for students who plan to enter the workforce directly out of college. The BS in NFS may be a terminal degree, or NFS graduates may elect to continue on for additional education. Students in the NFS major will take courses in nutrition, food science, food service management, research methods, community nutrition education, and epidemiology.

Along with providing students with a good preparation in nutrition, this major is also a good undergraduate preparation for those who might want to go into allied health fields, social work, or other human service professions. The elective courses also allows these undergraduate students who may wish to pursue medicine, nursing, physical therapy or other health careers to take additional science and other pre-requisite coursework for those programs.

**What can I do with a Nutrition and Food Science degree?**

The BS in NFS degree provides graduates with a wide variety of career opportunities. Foods and nutrition majors frequently work with athletes, weight control and fitness programs, or other special groups like WIC (Women, Infants & Children in community settings. Industries like hotels, airlines, universities, food service chains, and industrial cafeterias employ food service managers. Graduates can become food science technical specialists and conduct research, development and quality control of food products for food companies. It is also possible to use foods and nutrition knowledge for jobs in advertising, marketing and in the mass media. Students can become consultants to television programs, or write articles on food for newspapers. Students may take steps after graduation to enter a graduate didactic program in dietetics to become registered dietitians.

**A. Admission Requirements* (11-23.5 credits)**

To enroll in the BS program, students must have a minimum cumulative GPA of 2.800 and have earned a minimum of 30 credits overall. Credit/No Credit grades are not accepted in this program.

1. Statistics, with a minimum grade of C: can be fulfilled by STAT 11300 or any other college-level Statistics course; or PSYCH 24800, SOC 24100, ECO 22100, MATH 12400, MATH 12500, MATH 12550 (Pre-Calculus), MATH 15000, MATH 15200 or transfer equivalents. Also acceptable: AP Exam score 4-5 in Statistics or Calculus; CLEP score of 50 in Calculus or PreCalculus.
2. One semester of General Chemistry with lab, with a minimum grade of C: can be fulfilled by CHEM 10000 and CHEM 10100; or CHEM 10200 CHEM 10400 and CHEM 10600; or CHEM 10200 and CHEM 10100 or transfer equivalents (e.g. CHEM 10200 and CHEM 10300); or any other college-level general chemistry lecture/lab combination. Also acceptable: AP Exam score 4-5 in Chemistry.

3. One semester of Organic Chemistry with lab, with a minimum grade of C: can be fulfilled by CHEM 12000 and CHEM 12100; or CHEM 22200 and CHEM 22300 or transfer equivalents; or any other college-level organic chemistry lecture/lab combination.

Students have one opportunity to repeat each required admission course in which the grade earned was below the required minimum.

*These courses may be counted for credit in more than one program and can be shared with other degree requirements including majors, minors and the Hunter Core Requirement.

B. Additional Major Requirements*(17-18 credits)

To remain in the major and continue to Core Requirements, students must successfully complete the following courses with a minimum grade of C. Credit/No Credit grades are not accepted in this program.

1. Two semesters of Anatomy & Physiology, with a minimum grade of C in each course: can be fulfilled by BIOL 12000 and BIOL 12200 or transfer equivalents with a grade of C or higher. Also acceptable: One semester of Anatomy and one semester of Physiology from transfer coursework.
2. One semester of Microbiology with lab can be fulfilled by BIOL 23000 or transfer equivalent.
3. NFS 13100 Food Science I or transfer equivalent. (3)
4. NFS 14100 Nutrition or transfer equivalent. (3)

Progress Standards for A and B:

1. Completion of these credits with a minimum cumulative GPA 2.800. Students who fail to earn the required grade for progression must meet with their advisor to formulate a plan for progression.
2. Course repeat policy: Students have one opportunity to repeat each admission required course and major course in which the grade earned was below the required minimum.
3. Credit/No Credit grades are not accepted in this program.
4. *These courses may be counted for credit in more than one program and can be shared with other degree requirements including majors, minors and the Hunter Core Requirement.

C. Major Course Requirements

Select 24 credits from the following (courses are 3 credits each unless otherwise noted):

- NFS 33200 Cultural Foods (3)
- NFS 33300 Nutrition Education (3)
- NFS 33500 Institutional Management (3)
- NFS 34100 Advanced Nutrition (3)
- NFS 34200 Nutrition and Human Development (3)
- NFS 36100 Food Policy (3)
- NFS 40200 Intro to Research Methods (3)
- NFS 40300 Nutrition for Exercise & Sport (3)
- NFS 43500 Food Service Systems (3)
- NFS 44100 Community Nutrition (3)
• NFS 44300 Practicum in Nutrition and Food Science (3)
Any NFS course at the 200 level or above

NFS 48031 AND/OR NFS 48032 OR NFS 48001 AND/OR NFS 480002 AND/OR NFS 480003 Independent Study
1,2 and/or 3 credits, all repeatable (for a maximum of 6 credits applicable to the major).

• NFS 49000 Honors in Nutrition and Food Science (3)
• PH 33000 Principles of Epidemiology (3)
• BIO 28000 Biochemistry of Health & Nutrition or equivalent (3)
• Any class with approval of NFS faculty advisor

NFS Major Credit Calculation: Admission credits = 11-23.5 credits
Additional Major Requirements = 17-18 credits
Major Course Requirements = 24 credits

Total = 52-65.5 credits
NFS majors interested in consideration for the BS/MS must take Biochemistry (ex: BIO 28000) by summer senior year or earlier, with minimum grade of C or higher, so as to qualify for NUTR MS coursework.

Requirements for Graduation with a BS in Nutrition and Food Science (120 credits)

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR]. When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

Contact Us

NFS Major Faculty Advisor:

May May Leung
Associate Professor
Silberman Building
2180 Third Avenue, Room 509
(212) 396-7774
mm.leung@hunter.cuny.edu

Prospective Student Contact:

Nzinga Ajani
Silberman, 5th floor
212-396-7729
najani@hunter.cuny.edu or nutrition@hunter.cuny.edu

Degree Map for Nutrition and Food Science

Degree Map for Nutrition and Food Science

Nutrition and Food Science BS 2
Requirements for the Program

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR]. When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

A. Admission Requirements (11-23.5 credits)

A. Admission Requirements*(11-23.5 credits)

To enroll in the program, students must have a minimum cumulative GPA of 2.800 and have earned a minimum of 30 credits overall. Credit/No Credit grades are not accepted in this program.

1. Statistics, with a minimum grade of C: can be fulfilled by STAT 11300 or any other college-level Statistics course; or PSYCH 24800, SOC 24100, ECO 22100, MATH 12400 (STEM), MATH 12500 (STEM), MATH 12550 (STEM), MATH 15000 (STEM), MATH 15200 (STEM) or transfer equivalents. Also acceptable: AP Exam score 4-5 in Statistics or Calculus; CLEP score of 50 in Calculus or Pre-Calculus.

2. One semester of General Chemistry with lab, with a minimum grade of C: can be fulfilled by CHEM 10000 (STEM); or CHEM 10200 (STEM), CHEM 10400 (STEM) or CHEM 10600 (STEM); or CHEM 10200 (STEM) and CHEM 10100 or transfer equivalents (e.g., CHEM 10200 (STEM) and CHEM 10300 (STEM)); or any other college-level general chemistry lecture/lab combination. Also acceptable: AP Exam score 4-5 in Chemistry.

3. One semester of Organic Chemistry with lab, with a minimum grade of C: can be fulfilled by CHEM 12000 (STEM) or CHEM 12100 (STEM) or CHEM 22200 and CHEM 22300 or transfer equivalents; or any other college-level organic chemistry lecture/lab combination.

Students have one opportunity to repeat each required admission course in which the grade earned was below the required minimum.

*These courses may be counted for credit in more than one program and can be shared with other degree requirements including majors, minors and the Hunter Core Requirement.

B. Additional Major Requirements (17-18 credits)

To remain in the major and continue to the Core and Major Course Requirements, students must successfully complete the following: BIOL 12000, BIOL 12200, BIOL 23000, NFS 13100 and NFS 14100 or transfer equivalents with a grade of C or higher. Also acceptable: one semester of Anatomy and one semester of Physiology from transfer coursework. Credit/No Credit grades are not accepted for these courses.

Progress Standards for A, and B:

Students who fail to earn the required grade for progression in A, and B above with a minimum cumulative GPA of 2.8, must meet with their advisor to formulate a plan for progression. Students have one opportunity to repeat each required core course in which the grade earned was below the required minimum. If they fail to earn the required minimum grade in any core course, they must withdraw from the Nutrition major. Credit/No Credit grades are not accepted in this program.

C. Major Course Requirements (24 credits)
To satisfy NFS major course requirements, majors select 24 credits from a list of approved advanced major courses, offering flexibility based on student's interests and future academic and/or professional goals.

For courses required for the Major, students exempt from Admissions Requirements or major courses through approval from their major advisor do not have to make up the credits for NFS major purposes.

Public Health - BS

Overview

At Hunter College, students in the Bachelor of Science program in Public Health learn to analyze how social structures including poverty, racism, and neighborhood composition, environmental exposures, and behaviors shape population health. They take courses in health disparities, epidemiology, public health biology, and community health assessment to develop their analytic skills, and courses in public health research, health communications and program development and evaluation to learn tools for addressing public health problems. Fieldwork experience gives students the opportunity to apply what they have learned in a real-world setting. This program is designed to prepare students for work in community-based and human rights organizations, family planning clinics, mental health centers, homeless shelters, clinical and public health research centers, and media organizations, as well as in city, state, and national health departments. This is a competitive, 42-credit major, taken after 60 credits are completed of undergraduate study (see prerequisites & application information below).

Admission Requirements

All applicants, including current Hunter College students, must apply for admission to the program. Admission into the Public Health major is competitive.

For admission into the Public Health major, applicants must have:

1. Completion of at least 60 credits at the time of admission (courses can still be in progress while applying);
2. A combined GPA of at least 3.0 from all postsecondary institutions attended;
3. Submitted an essay (part of the application);
4. Completed all of the following courses or their equivalents with a grade of C or higher:
   - English Composition (ENGL 12000) (3 cr.)
   - Intro level statistics (STAT 11300 or STAT 21300 (STEM)), PSYCH 24800, SOC 24100, ECO 22100 or equivalent) (3 cr.)
   - Intro to Sociology (SOC 10100) (3 cr.)
   - Intro level Psychology OR Cultural Anthropology (e.g., PSYCH 10000 or PSYCH 15000 or ANTHC 10100) (3 cr.)
   - Any 4-credit lab course.

(Total 16 credits)

For details on the admissions process see Admissions Information.

Hunter Core Requirement

Several courses leading to or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to
choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Major Requirements

Required Courses (39 crs.)

**PH 30100 - Introduction to Community and Public Health**

An introduction to the study of structural inequalities that contribute to health disparities with an emphasis on communities – geographic, identity-based, or virtual, as the focus for research and intervention.

Minimum GPA to enroll - 2.75

\textit{prereq:} Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100, or equivalent.

3 hrs
3 cr.

**PH 30200 - Health Program Planning and Evaluation**

Addresses process of program planning, development, and evaluation of health promotion programs. Focus is on development of clear, concise objectives leading to design and evaluation of effective primary, secondary, and tertiary prevention strategies.

\textit{prereq or coreq:} PH 30100. Open to PH BS, MHC-PH, others by permission of instructor

3 hrs
3 cr.

**PH 30300 - Social Structure and Health (W)**

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.

\textit{prereq:} acceptance to the PH major, or permission of the instructor

3 hrs
3 cr.

**PH 30400 - Health Communication Practice**

An introduction to the field of health communication with an emphasis on key technological advances and use of new media (internet and other digital media, social media, mobile technology, etc.) to communicate about health issues as part of public health interventions. It also provides students with practical skills in creating media for health promotion initiatives.

\textit{prereq:} PH 30200

3 hrs.
3 cr.

**PH 32500 - Environmental Public Health**
Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.

Minimum GPA to enroll - 2.75

prereq: Any intro Statistic course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 101, or equivalent.

3 hrs
3 cr.

PH 32800 - Public Health Biology

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.

Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100, or equivalent.

3 hrs
3 cr.

PH 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.

3 hrs
3 cr.

NFS 14100 - Nutrition

Hunter Core
Scientific World (SW)
Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.

3 hrs
3 cr.

PH 40500 - Health Care Systems and Health Policy

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.

prereq: PH 30100

3 hrs
3 cr.

PH 41100 - Community Health Assessment
Introduction to assessing health needs of communities and populations, in preparation for fieldwork.

prereq: PH 33000
3 hrs
3 cr.

PH 41200 - Directed Fieldwork Practicum

200 hours summer internship to gain experience in community health setting, culminating in production of e-portfolio.

prereq: PH 41100
3 hrs
3 cr.

PH 41300 - Research Symposium

Overview of quantitative and qualitative research methods and issues in study design and analysis.

prereq or coreq: PH 41200
3 hrs
3 cr.

PH 41500 - Grant Writing in Public Health

Capstone course that synthesizes theory and methods of health promotion program planning: needs assessment, planning, implementation, and evaluation; and integrates these into a grant writing project.

prereq: PH 30400, PH 41100
prereq or coreq: PH 41300
3 hrs
3 cr.

Plus 3 credits drawn from the following courses:

PH 30600 - Social Disparities in Health

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.

prereq: PH 30100
3 hrs
3 cr.

PH 32100 - Addictions and Dependencies

Recent research on alcohol, narcotics and other chemical dependencies. Strategies for intervention, prevention, and treatment, with emphasis on role of health education.

prereq: PH 30100
3 hrs
3 cr.
PH 32200 - Maternal and Child Health

Social, behavioral, and medical factors involved in contraception counseling, abortion and sterilization, prenatal care, childbirth, child health, parenting, and prevention of family violence. Effect of public, social welfare, and public health policy on mothers and children.

prereq: PH 30100
3 hrs
3 cr.

PH 32400 - Human Sexuality

Study of interaction of social, affective, and behavioral dimensions of sexuality, including gender identity, with a particular focus on the way sexuality shapes community health.

prereq: PH 30100
3 hrs
3 cr.

PH 48001 - Independent Study

Total credits in independent study courses and honors may not exceed 6.

prereq: PH 30100
hrs TBA
1-3 cr. respectively

PH 48002 - Independent Study

Total credits in independent study courses and honors may not exceed 6.

prereq: PH 30100
hrs TBA
1-3 cr. respectively

PH 48003 - Independent Study

Total credits in independent study courses and honors may not exceed 6.

prereq: PH 30100
hrs TBA
1-3 cr. respectively

PH 49000 - Honors

Total credits in independent study courses and honors may not exceed 6.

prereq: PH 30100
hrs TBA
3 cr.

PH 40000 - Topics in Community Health and Public Health

Content varies from semester to semester to address changing needs of profession.

prereq: PH 30100
### Honors in the Major

A student who has high grades in all courses required for the PH major, and who wishes to carry out an honors independent study project, may contact the Program Director prior to the final semester at Hunter. If the student’s project is approved and a suitable faculty mentor identified, the student will be given permission to register for PH 49003, a 3-credit Honors Independent Study. The student and mentor must agree to a contract specifying learning goals and work to be accomplished. Only after successful completion of the independent study project will the student receive Honors in the PH major.

### Contact Us

**Program Director:** Philip Alcabes, PhD, palcabes@hunter.cuny.edu

### Degree Map for Community Health

**QB/Hunter RN to BS Nursing**

The QB RN to BS program was developed ten years ago, allowing AAS graduates from Queensborough Community College who have their RN license to practice in New York State to enter Hunter in their junior year to take nursing courses to complete their BS degree. The nursing profession and health care delivery in general have evolved substantially since the RN to BS curriculum was created over 10 years ago. Students must learn more complex nursing content than ever before, and must be prepared to care for sicker patients than in the past. For example, in the current health care climate, patients are discharged after shorter hospitalizations than traditional practice, resulting in a population of patients with higher acuity and who require complex care by nurses. In addition, these proposed changes are aligned with the American Association of Colleges of Nursing's current Essentials of Baccalaureate Education for Professional Nursing Practice (2008). The online format matches the RN to BS curriculum (approved in 2015) and is responsive to the adult learner.

**Proof of graduation from the QB nursing program**

Submit proof of graduation from the QB nursing program prior to beginning course work. The licensing exam (NCLEX-RN) must be completed and proof of passing the exam must be submitted to the School of Nursing by the end of the first semester or a student will be unable to progress in the program.

**Curriculum**

Prerequisite requirements may not be taken on a Credit/No Credit basis.
Prerequisite requirements with a minimum grade of "C" or its equivalent:
• General Chemistry with lab (CHEM 10000 (STEM), CHEM 10100 or higher equivalent course
• Human Anatomy and Physiology I & II (BIOL 12000 &nbsp;BIOL 12200 ) 2 courses
• Introduction to Statistics (STAT 11300 or higher equivalent course
• Microbiology with lab (BIOL 23000)
• English Composition (ENGL 12000)
• General Psychology (PSYCH 10000)
• Human Development (Developmental Psychology of the Life Span) (PSYCH 15000)

Bachelor of Social Work (BSW)

About the Program

The Silberman School of Social Work at Hunter College launched its Bachelor of Social Work (BSW) Program in Fall 2016. The BSW Program is open to matriculated Hunter College students with a credit range of 55 - 80 credits. The program offers students the opportunity to link theory and practice by participating in a robust curriculum and established field placements. Students learn the core skills of assessment, engagement, intervention, advocacy, and documentation through a generalist practice lens. The BSW Program will prepare undergraduate students to become knowledgeable, caring front line workers in areas of Child Welfare and Care Coordination; and it will prepare them to enter Master of Social Work (MSW) programs with advanced standing in the future. More details about the BSW Program can be found here.

Admissions Requirements

Applications are completely online.

1. Students are admitted in the fall only.
2. Students must be full-time, matriculated students at Hunter.
3. Students will be considered for admission if they have between 55 and 80 credits and an overall GPA of at least 2.75.
4. Students must have taken and received a grade of B or better, in the Introduction to Social Work course SW 20100. PSYCH 10000 or SOC 10100 are the prerequisite courses to register for the Introduction to Social Work course SW 20100. Transfer students must apply to Hunter College and be accepted as a Liberal Arts student in the previous fall from the semester they are applying to the BSW program. Human Services majors with associate degrees may be required to take the Introduction to Social Work course SW 20100 at Hunter College to complete the BSW application requirements if they do not apply to Hunter College in the previous fall from the semester they are applying.
5. Transfer students with an associate degree, who graduated from a Human Services program, and received credit from Hunter for a Human Services course as the equivalent to the BSW prerequisite, Introduction to Social Work course may still be required to take the Introduction to Social Work course SW 20100, if the course they transferred in did not include at minimum, a required 32-hour, supervised, volunteer social services assignment.

Note: BMCC Human Service program graduates, who have been accepted to Hunter as full-time students are not required to register for the Introduction to Social Work course SW 20100

Required BSW Courses

SW 31000 - Social Work Practice and Learning LAB I
Social Work Practice Lab (PL) I, is the first part of a two-semester foundation course that introduces the BSW student to professional social work practice with individuals, families, groups, organizations and communities.

**prereq:** SW 20100 Introduction to Social Work  
**coreq:** SW 33000 Human Behavior and the Social Environment I; SW 32000 Social Work Policy I  
3 hrs.  
3 cr.  
fall only

**SW 31100 - Social Work Practice and Learning LAB II**

Social Work Practice Lab (PL) II, is the second part of a two-semester foundation course and builds on the foundational issues and generalist practice approach in Social Work Practice Lab I.  
**prereq:** SW 21000, SW 32000, SW 33000, SW 31000  
3 hrs.  
3 cr.  
**spring only**

**SW 32000 - Introduction to Social Welfare Policy & Services**

Provides students with orienting knowledge and skills needed to examine social welfare policies and to understand their relevance to social service delivery and practice.

**prereq:** SW 20100  
**coreq:** SW 31000, SW 33000  
3 hrs.  
3 cr.  
fall only

**SW 33000 - Human Behavior in the Social Environment I**

Provides a foundation for students to make conceptual linkages between multiple formulations of the person-environment configuration in understanding the complexities of human behavior, while paying specific attention to both social diversity and human development.

**prereq:** SW 20100  
**coreq:** SW 31000, SW 32000  
3 hrs.  
3 cr.  
fall only

**SW 33100 - Human Behavior in the Social Environment II**

Continuation of the two-semester course (SW 33000/33100). It builds on a foundation of knowledge on "human behavior in the social environment" for social work practice with individuals, families, groups, organizations and communities.

**prereq:** SW 20100, SW 33000  
**coreq:** SW 34000  
3 hrs.  
3 cr.
SW 34000 - Social Work Policy in Child Welfare

This course is designed to help students understand the current and historical context of child welfare policies and programs in New York and the United States; the major issues in child welfare; policy frameworks; and services and practices in the child welfare arena.

prereq: SW 20100, SW 31000, SW 32000
coreq: SW 31100, SW 33100
3 hrs.
3 cr.
spring only

SW 35000 - Social Work Policy II in Care Coordination

An overview of health care and care coordination systems and policies, with a specific focus on the role of social workers in implementing care coordination services to aging, health and mental health clients.

prereq: SW 20100, SW 31000, SW 33000
coreq: SW 31100, SW 33100
prereq or coreq: SW 32000
3 hrs.
3 cr.
spring only

SW 41000 - Social Work Practice in Child Welfare I

Social Work Practice in Child Welfare I is designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 34000
coreq: SW 43000, 45000
3 hrs
3 cr.
fall only

SW 41100 - Social Work Practice in Child Welfare II

The 2nd semester of a year long practice course designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 34000, 41000
coreq: SW 43100, 45100
3 hrs
3 cr.
spring only

SW 42000 - Social Work Practice in Care Coordination I
The first part of a two semester practice course. It is designed to help students apply the major psychological and sociological theories about illness, disease, policy frameworks, and evidence informed practices to care for older adults, the mentally ill and persons with chronic health issues.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 35000
coreq: SW 43000, 45000
fall only

**SW 42100 - Social Work Practice in Care Coordination II**

The second half of a two-semester practice course on Care Coordination. It deepens knowledge and skills of students learning how to apply psychological and sociological theories about illness, disease, policy frameworks, and evidence informed practice to care for older adults, mentally ill, and persons with chronic health issues.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 35000, 42000
coreq: SW 43100, 45100
3 hrs
3 cr.
spring only

**SW 43000 - Integrative Seminar I**

This is the first part of a two-semester Integrative Seminar taken in conjunction with field placements. Students are taught how to use assessment, planning, intervention and evaluation paradigms to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

prereq: SW 20100, 31000, 31100, 33000, 31100, 32000; 34000 -or- 35000
coreq: SW 41000 -or- 42000; SW 45000
3 hrs
3 cr.
fall only

**SW 43100 - Integrative Seminar II**

This is the second semester skills building Integrative Seminar taken in conjunction with field placements. The assessment, planning, intervention and evaluation paradigms are used to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 35000 -or- 34000; 43000, 45000
coreq: SW 41100 -or- 42100; 45100
3 hrs
3 cr.
spring only

**SW 44000 - Social Work Research**

An introduction to basic research methods within the context of social work practice.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 34000 -or- 35000
3 hrs
3 cr.
fall only
**SW 45000 - Social Work Field Instruction I**

Field Work and Field Instruction is a 14 hour per week formal internship. It connects social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

*prereq: SW 31000, 31100, 32000, 34000, or SW 35000, 33000, 33100
*coreq: Social Work Practice in Child Welfare I, SW 41000 or Social Work Practice in Care Coordination I, SW 420, Social Work Research, SW 44000, Integrative Field Seminar I, SW 43000

3 hrs

3 cr.

**SW 45100 - Social Work Field Instruction II**

This is the second semester of the year-long, 14 hour per week, course in Field work and Field Instruction that integrates social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

*prereq: SW 45000
*coreq: SW 41100 or SW 42100, SW 43100

3 hrs

3 cr.

**Attendance Requirements**

BSW program is a full time program. All courses and field work are offered only during the day. Students must attend on a full-time basis. Courses are offered sequentially by semester, and must be taken in order.

- All BSW classes, except for the Introduction to Social Work course, SW 20100, are held at the Silberman School of Social Work.

**Grading Policy**

BSW students will receive a letter grade for course work. A minimum overall GPA of 3.0 is expected to remain in good academic standing. Students who do not pass a continuing course - offered over two semesters, sequentially - will not be allowed to repeat the course until it is offered again in the curriculum sequence. Students will be allowed to repeat a course only one time.

**Accreditation**

The Silberman School of Social Work Bachelor in Social Work degree is accredited by the Council on Social Work Education (CSWE).

**Degree Map**

Degree Map for Bachelor of Social Work (BSW)

**English Composition 2 (3 credits)**
English Composition 2 (3 credits)

- AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)
- ENGL 22000 - Introduction to Writing About Literature (W)
- ASIAN 22100 - Introduction to Writing About Asian American Literature (W)
- MEDIA 21100 - News Literacy in a Digital Age (W)

Music Bachelor's Degrees

Return to: Department of Music

- Music 25-Credit Major - BA
- Music 42-Credit Major - BA
- Music - BMus

Major Programs

The Department of Music offers three undergraduate programs and a BA/MA in Music Education for those going into a Music Education major at the graduate level. Students must take three examinations before declaring a music major:

1. Music notation, rudimentary theory, and basic musicianship skills. This examination is prerequisite to MUSTH 22000 (Music Theory I). Students who do not pass it must take MUSTH 10100 (Music Theory Fundamentals) or learn the material on their own, then repeat the examination.

2. Elementary music history and literature. This examination is prerequisite to MUSHL 20500 (Music History I). Students who do not pass it must take MUSHL 10100 (Introduction to Music) or learn the material on their own, then repeat the examination.

3. Performance audition on an instrument or voice. This examination is prerequisite to MUSPF 40100 (Private Instruction in Instrument or Voice). Students whose performance skills fall below New York State School Music Association (NYSSMA) level 2, equivalent to about one year of study, must take MUSPF 21100-MUSPF 21200 (Voice I-II), MUSPF 21300-MUSPF 21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in performance may defer the audition until the end of their first semester of study.

Prospective majors should consult the Music Department's undergraduate adviser as soon as possible to discuss these examinations and any prerequisite courses they may need before beginning the major.

Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

Grading Policies

Students must have grades of C or better in all prerequisite courses in order to take courses that are required for the major. The grade of CR may not be elected in major courses. In accordance with Hunter College policy, a course may not be taken more than twice without permission of the department.
Honors

To qualify for departmental honors in music, a student must have a 3.5 grade point average in major courses and complete an honors project, taken under the following course number. The project, which must be approved in advance by the Policy Committee, may be a research paper on a historical, theoretical, or other topic; an original composition; or a recital. All projects should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the Music Department.

**MUSTH 49100 - Honors Project**

Upper Jr/Sr only. Individual project of large scope in music history, theory, composition, or performance.

*prereq: minimum music GPA of 3.5, perm undergrad adviser*

1 sem

3 cr.

Graduate Study

Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

Temporary Pathways Courses Summer and Fall 2020

These courses are for an expedited review process for temporary Pathways approval for the summer and fall 2020 semesters.

Creative Expression

DAN 10N00 Design and Dance

Humanities, Individual & Society

**HEBR 21400 - Maimonides' Guide to the Perplexed**

*Pluralism and Diversity*

*PD/D*

*GER*

*A*

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.

3 hrs

3 cr

**HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World**

*Pluralism and Diversity*

*PD/A*
A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.

 prerequisite: ENGL 12000
3 hrs
3 cr.

- 20004 Gender and Modern Jewish History

Social Sciences, Humanities, Individual & Society

AFPRL 10200 - Latino Communities in the United States

Pluralism and Diversity
PD/B
GER
2/B

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr.

AFPRL 24200 - Puerto Rican History Since 1898

Pluralism and Diversity
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr.

HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

Pluralism and Diversity
PD/D
GER
3/B

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.

 prerequisite: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or
permission from the instructors.
3 hrs
3 cr.
fall and spring; summer when possible

POLSC 20100 - Ancient to Early Modern Political Thought (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

PUPOP 10000 - Introduction to Public Policy

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines.
Writing Requirements: This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.
prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr.

Scientific World

GTECH 10100 - Digital Earth

Digital Earth introduces students to the new suite of geospatial technologies and how they are being used to capture, store, process and display the vast amount of geospatial information about our planet, a wide variety of environmental and cultural phenomena, and how this information helps us to better understand natural and cultural characteristics of the world, address world problems, and make sound decisions. Students will learn how satellites take complete photographs of the entire planet, Geographic Information Systems (GIS) display geospatial data, Global Positioning Systems (GPS) track the location of environmental and cultural phenomena, Geovisualization tools map our 3-D planet, and how these technologies are applied to solve problems in diverse fields and phenomena in the physical and social sciences in exciting ways. The knowledge and skills learned in Digital Earth open the door toward a geotechnology-oriented career.
3 hr.
3 cr.

World Cultures & Global Issues
HEBR 20N/01 Hebrew and Israeli Songs and Poems

ECO 29562 Economics and Film
  co-listed with
FILM 29947 Economics and Film

GEOG 27000 - Regional Geography of Mexico, Central America and the Caribbean

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of Mexico, Central America and West Indies.
3 hrs
3 cr.

GEOG 27100 - Regional Geography of South America

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of South America.
3 hrs
3 cr.

HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)

Pluralism and Diversity
PD/A

Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27651 - The Modern Middle East from 1800 to the Present (W)

Pluralism and Diversity
PD/A

The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.
HIST 27100 - Early History of Latin America

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 27200 - History of Latin America in the 19th and 20th Centuries

Political, economic, social and cultural transformations contributing to the development of modern Latin America. Emphasis will be on major historical processes and their impact on the region's cultural diverse population. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 28900 - Africa in the 19th and 20th Centuries (W)

Pluralism and Diversity
PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

• PUPO 20N00 Global Pandemic Impacts

Japanese Courses

Return to Classical and Oriental Studies

The following are the courses offered in Japanese language and culture.

Courses in Japanese Language/Culture

JPN 10100 - Elementary Japanese I

Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation. JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

JPN 10200 - Elementary Japanese II
Continuation of 10100.
prereq: JPN 10100 or equiv.
3 hrs
3 cr.

JPN 20100 - Intermediate Japanese I

Continuation of JPN 10100-10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.
prereq: JPN 10200 or equiv.
3 hrs
3 cr.

JPN 20200 - Intermediate Japanese II

Continuation of JPN 20100.
prereq: JPN 20100 or equiv.
3 hrs
3 cr.

JPN 30100 - Advanced Japanese I

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.
prereq: JPN 20200 or equiv.
3 hrs
3 cr.

JPN 30200 - Advanced Japanese II

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.
prereq: JPN 30100 or equiv.
3 hrs
3 cr.

JPN 25100 - Japanese Culture Before 1600

Hunter Core
Individual and Society - Humanities (I&S H)
Pluralism and Diversity
PD/A
GER
2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian – to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries – most notably China – to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.
While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).

prereq: ENGL 120
3 hrs
3 cr

JPN 25200 - Japanese Culture Since 1600

Pluralism and Diversity
PD/A
GER
2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures – that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.

prereq: ENGL 12000
3 hours
3 credits

Thomas Hunter Honors Program

Major

Students in the Thomas Hunter Honors Program who wish to design an interdisciplinary major for themselves may do so in consultation with the appropriate Council adviser. The final transcript of such students designates the major as "Special Honors Curriculum." Most students in the Thomas Hunter Honors Program, however, elect to fulfill the requirements for one or more specific departmental majors. These students abide by departmental criteria for the major, and are expected to pursue departmental honors in their major. Their final transcript records the major as Special Honors Curriculum/Specific Department. Whatever their major concentration, all students in the Program must also successfully complete three special interdisciplinary honors colloquia (see further on) and maintain a cumulative grade point average of 3.5 or better until their final certification into the Program. Certification usually occurs in the student's junior year, when the Council, ruling on each case individually, decides that the student's continuing academic distinction, commitment to interdisciplinary work, and promise of future productivity warrant permanent membership in the Thomas Hunter Honors Program.

Thomas Hunter Honors Program students meet regularly in 200-level and 300-level colloquia, led by members of the Council on Honors and by other invited members of the faculty. Students take a minimum of three colloquia, one of which must be at the 200-level, and one of which must be at the 300-level. While the specific content of these courses varies from semester to semester, the underlying principles remain the same.

The 200-level colloquium is taught by one professor, often a member of the Council on Honors, who studies a specific theme using the materials and methodologies of at least two disciplines. Students may take more than one of these colloquia if they so desire, but at least one must be taken during their first year in the Program. The 300-level honors colloquia are special seminars, usually conducted by two professors, devoted to topics lending themselves to broad interdisciplinary investigation. One of the required three colloquia must be a 300-level.

The colloquia offer breadth of exposure, but, even more importantly, they seek to demonstrate how knowledge gained from a variety of disciplines can be related and integrated in an effort to understand complex processes and phenomena.
In all colloquia, students write at least one major paper, in which they apply the methodology of the course to material of particular interest to them.

Upon completion of 90 credits, Thomas Hunter Honors students may also be admitted by the Council to Advanced Interdisciplinary Studies, with the opportunity of engaging in advanced independent study under the Council's supervision. A thesis or other appropriate report of the results of the student's research is presented to the Council.

**CUNY Common Core Creative Expression (CE) 1 Course**

Return to General Education - Effective Fall 2019

**Creative Expression (CE) 1 Course**

**ASIAN 22500 - Asian American Art (W)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
P&D B

Introduction to Asian American artistic production through a survey of Asian American art and theory, including critical examinations of Asian American identity formation; transnationalism; constructions of race, gender, sexuality, class; and alternative artistic strategies.

*prereq: ENGL 12000*

3 hrs
3 cr.

**ARB 25000 - The Arab Novel (in translation) (W)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

*prereq: ENG 22000 or equiv.*

3 hrs
3 cr.

**ARB 25100 - Arab Cinema (in translation)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

*prereq: ENGL 12000 or equivalent*

3 hrs
3 credits

**ARB 25400 - The Arabian Nights East and West (W)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity

**GER**
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.

*prereq or coreq: ENGL 12000 or equivalent*

3 hours
3 credits

**DAN 10200 - Dance in Culture**

**Hunter Core**
Creative Expression (CE)

**GER**
GER 2/D

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

3 hrs.
3 cr.

**DAN 23200 - Global Dance History**

**Hunter Core**
Creative Expression (CE)

**Pluralism and Diversity**

**PD/D**

GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

*prereq: N/A*

3 hrs.
3 cr.
ENGL 25000 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A or B or C or D
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 25100 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr.

GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core
Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
*No "W" designation when offered in Winter Session

HUM 15000 - Introductory Topics in Humanities and the Arts (W)

Hunter Core
Creative Expression (CE)
Specific topics will be listed in the Schedule of Classes for a given semester.
prereq: in accordance with depts sponsoring the course
3-6 hrs
3 cr.

HUM 20100 - Explorations in the Arts

Hunter Core
Creative Expression (CE)
GER
2/D

Introduction to temporal and spatial arts with special emphasis on theatre, film, music, and visual arts. Focus on principles they share as well as on their distinguishing features. Attendance at artistic events in NYC.
3 hrs
3 cr.

MHC 10000 - MHC Seminar 1, The Arts in New York City (W)

Hunter Core
Creative Expression (CE)
Fulfills GER 2D, Visual and Performing Arts: Media, Art, Dance, Film, Music, Theatre
prereq: Open to Macaulay Honors College students only
3 hours
3 credits

MUSHL 10100 - A Thousand Years of Listening

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
MUSHL 10700 - The World of Music

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
GER
2/D

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.

MUSTH 10100 - Music Theory Fundamentals

Hunter Core
Creative Expression (CE)
GER
2/D

For non-majors. Introduction to music theory, sight singing, and ear training.

PHILO 25600 - Philosophy and Literature (W)

Hunter Core
Creative Expression (CE)
GER
3/A

Analysis of major philosophical themes in some classics of world literature.

RUSS 25300 - Russian Theater in English Translation (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.

prereq: ENGL 12000
RUSS 29500 - The Vampire in Lore and Literature (W)

Hunter Core
Creative Expression (CE)
GER
2/C

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the 21st century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.

prereq: ENGL 22000
3 hrs
3 cr.

RUSS 29600 - Vladimir Nabokov Between Two Cultures

Hunter Core
Creative Expression (CE)
GER
3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.

prereq: ENGL 22000 or perm dept.
3 hrs
3 cr.

THEA 10100 - Introduction to Theatre

Hunter Core
Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.
3 hrs
3 cr.

THEA 21100 - World Theatre I (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
*prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
*prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21300 - World Theatre III (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
*prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

Biopsychology Content Area with Corresponding Focus Areas

Animal Behavior

PSYCH 22500 - Ethology: Animal Behavior

GER
3/B

Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison.
Writing Intensive
*prereq: PSYCH 10000 and any other 3 cr PSYCH course
*prereq or coreq: ENGL 12000
3 hrs
3 cr.
PSYCH 32000 - Neuronal Basis of Behavior (Neuroethology)

This course is designed primarily for upper level undergraduates who already have an introductory background in animal behavior, neurobiology and Psychology. The course will review the rapidly expanding field of neuroethology, providing a general introduction to the subject and some of its many model systems.

prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs.
3 cr.

PSYCH 32100 - Animal Orientation

Organisms must orient to survive, including to secure shelter and food, or find mates, and return to a familiar home. This course provides an advanced understanding of how animals achieve these tasks and evaluates possible behavioral, physiological, and molecular mechanisms for orientation.

prereq: ENGL 12000; Completion of PSYCH 24900 or 25000 and PSYCH 22500
3 hrs.
3 cr.

PSYCH 32400 - Communication Behavior

This course will examine behaviors that exchange information, the evolution of the signals that carry the message, and the senses that receive it. Both human nonverbal and animal communication systems will be analyzed. Students will conduct field and library research on specific communicative behaviors.

prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr.

PSYCH 38100 - Current Topics in Animal Behavior

Finding mates, securing shelter and food, and returning to a familiar home are ubiquitous animal functions which often require complex navigational strategies. This course will provide an advanced undergraduate level survey of the history of the field of animal orientation, and expound on ontogeny, mechanisms, and function of orienting behaviors.

prereq: PSYCH 10000, PSYCH 16000 (Evolution and Behavior); PSYCH 22500 (Ethology); PSYCH 24800 (Psychological Statistics). Open only to psychology majors.
3 hrs
3 cr.

Physiological Psychology

PSYCH 22400 - Neuroscience

The aim of this course is to introduce you to the biological and physiological aspect of the science of Psychology. Biopsychology is the subarea of Psychology that takes a biological approach to understanding behavior. Biopsychologists study the biological events - genetic, neural, endocrine- that underlie each and every one of our thoughts, feelings, and actions. This course will explore what is currently known about the biological basis of emotional responses, mental illness, sexual behavior, memory, states of consciousness, sensory perception, thought and language, and several neurological disorders.

prereq: PSYCH 10000 and any other 3 CR PSYCH Course; completion of ENGL 12000 with a minimum grade of C
3 hrs.
3 cr.

**PSYCH 30000 - Physiological Psychology**

**GER**
3/B

Neural and endocrine mechanisms involved in learning, emotion, perception and other psychological processes. PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

*prereq: ENGL 12000, PSYCH 24900 or 25000 and PSYCH 22400*

3 hrs
3 cr.

**PSYCH 30100 - Sensation and Perception**

**GER**
3/B

Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

*prereq: ENGL 12000, PSYCH 24900 OR 25000, PSYCH 22400*

3 hrs
3 cr.

**PSYCH 30900 - Behavioral Neuroendocrinology**

**Pluralism and Diversity**

**PD/C**

**GER**
3/B

An overview of how behavior is influenced by differential hormone action and how hormones influence the development and expression of sexually dimorphic behaviors. While a biology background is not required, this course will be a biology-based discussion of behavioral endocrinology.

*prereq: ENGL 12000, PSYCH 24900 or 25000 and PSYCH 22400*

3 hrs
3 cr.

**PSYCH 31600 - Cognitive Neuroscience**

The course will address some of the central issues in contemporary cognitive neuroscience, describe old (clinical studies) and new (brain imaging) sources of information, their limitations and their contributions to our understanding of the neural mechanisms of cognition.

*prereq: ENGL 12000, PSYCH 24800, PSYCH 24900 or 25000, PSYCH 22400*

3 hrs
3 cr.
PSYCH 32100 - Animal Orientation

Organisms must orient to survive, including to secure shelter and food, or find mates, and return to a familiar home. This course provides an advanced understanding of how animals achieve these tasks and evaluates possible behavioral, physiological, and molecular mechanisms for orientation.

prereq: ENGL 12000; Completion of PSYCH 24900 or 25000 and PSYCH 22500
3 hrs.
3 cr.

PSYCH 32700 - Motivation and Emotion

GER
3/B

The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

prereq: ENGL 12000, PSYCH 24900 -or- 25000; and PSYCH 22400
3 hrs
3 cr.

PSYCH 36900 - Behavioral Pharmacology

GER
3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.

prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 30000 or perm instr. and PSYCH 22400
3 hrs
3 cr.

PSYCH 38200 - Current Topics in Biopsychology

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of biological psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

prereq: PSYCH 22400 (Neuroscience) PSYCH 25000 Open only to psychology majors.
3 hrs
3 cr.

Cognitive/Developmental Psychology Content Area with Corresponding Focus Area

Cognitive Psychology
PSYCH 24300 - Cognitive Processes

GER
3/B

A survey of theoretical issues and empirical research on human cognition including attention, perception, memory, representation of knowledge, language, and problem solving.

prereq: 6 cr. in PSYCH including PSYCH 10000
3 hrs
3 cr.

PSYCH 31600 - Cognitive Neuroscience

The course will address some of the central issues in contemporary cognitive neuroscience, describe old (clinical studies) and new (brain imaging) sources of information, their limitations and their contributions to our understanding of the neural mechanisms of cognition.

prereq: ENGL 1200, PSYCH 24800, PSYCH 24900 or 25000, PSYCH 22400
3 hrs
3 cr.

PSYCH 32200 - Psychology of Language

GER
3/B

Psychological and psychophysical basis of language comprehension, production and acquisition from experimental and theoretical perspectives; the relationship between language and the cognitive processes of perception, memory and representation.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 27000 or perm instr.
3 hrs
3 cr.

PSYCH 32400 - Communication Behavior

This course will examine behaviors that exchange information, the evolution of the signals that carry the message, and the senses that receive it. Both human nonverbal and animal communication systems will be analyzed. Students will conduct field and library research on specific communicative behaviors.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr.

PSYCH 32500 - Animal Cognition

This course will focus on various topics and readings in animal cognition within and across species from the perspectives of animal behavior, cognitive ethology and comparative cognition. In addition to familiarizing the students with what is currently known, the course is designed to stimulate critical and creative thinking about how we
investigate and understand the minds and behavior of animals as diverse as chimpanzees, dolphins, elephants, monkeys, pigeons and humans. It will focus on various topics and readings in animal cognition including categorization, discrimination learning, decision making, social learning, tool use, culture and communication.

prereq: ENGL 12000, PSYCH 24900 -or- 25000; and PSYCH 22500 -or- 24300
3 hrs.
3 cr.

PSYCH 32800 - States of Consciousness

GER
3/B

The subjective and physiological aspects of consciousness; the means by which it may be altered: hypnosis, dreams, drugs, meditation and mysticism; psychosis.

prereq: ENGL 12000; PSYCH 24900 -or- 25000; and PSYCH 24300
3 hrs
3 cr.

PSYCH 32900 - Cognitive Science

Introduction to cognitive science, the interdisciplinary study of the human mind from the perspectives of psychology, linguistics, computer science, neuroscience, and philosophy.
prereq: ENGL 12000, PSYCH 24800 with a C or better, PSYCH 24900 or 25000 and PSYCH 24300
3 hrs
3 cr.

PSYCH 33000 - Memory and Attention

This course is intended to provide an introduction to the processes associated with memory, attention, and their development, with particular attention given to classic and contemporary theories, and to how they interact with factors such as biology, age, culture and experience.
prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr.

PSYCH 33100 - Social Cognition of Gender

The course examines the social cognitive and motivational processes that a) underpin beliefs about and evaluations of men and women, b) affect behaviors toward and by men and women, and c) change or entrench attitudes and behaviors.
prereq: ENGL 12000, PSYCH 24900 or 25000, and either PSYCH 23000 or PSYCH 24300
3 hrs
3 cr.

PSYCH 35000 - Learning

GER
3/B

Theoretical and experimental approaches to human and animal learning; the relationship between systematic theory
models and methodology; analysis of the historical and contemporary major contributions to learning theories.

prereq: ENGL 12000, PSYCH 24900 or 25000 and PSYCH 24300
3 hrs
3 cr.

**PSYCH 37000 - Cognitive Development**

GER
3/B

A comparative information processing perspective on the development of mental structure and functioning, including perception, memory, problem solving, self-awareness of thinking, intelligence, concept formation and language development.

prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 27000 or perm instr.
3 hrs
3 cr.

**PSYCH 38300 - Current Topics in Cognitive Psychology**

Focuses on contemporary knowledge and issues in the scholarly literature in selected areas in cognitive psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term. Students may take a Current Topics in Cognitive Psychology course twice.

prereq: completion of PSYCH 25000 and 24300 with a grade of C or better
3 hrs
3 cr.

**Developmental Psychology**

**PSYCH 21000 - Child Development**

GER
3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)

Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

**PSYCH 21200 - Exceptional Childhoods**

GER
3/B

Special problems of adjustment and training of exceptional children, including the gifted as well as the intellectually,
emotionally and physically handicapped.

Writing Intensive
 prerequisites: PSYCH 10000 and any other 3 cr PSYCH course
 prerequisites or corequisites: ENGL 12000
 3 hrs
 3 cr.

**PSYCH 21300 - Children & Adolescents with Autism**

A theoretical and practical introduction to the social, biological, behavioral, and educational theories that guide our understanding of children and adolescents with Autism Spectrum Disorder (ASD). Focusing on this important public health issue, students learn how these theories inform public awareness, the experiences of families affected by this disorder, the development and implementation of interventions, and public policy.

 prerequisites: PSYCH 10000 and PSYCH 15000 (Human Development) or departmental permission
 3 hrs
 3 cr.

**PSYCH 21400 - Adults with Developmental Disabilities**

A theoretical and practical introduction to the key issues and challenges that affect the lives of adults with developmental disabilities, including adults with Autism Spectrum Disorder. Covered topics include person-centered planning, self-determination, transition planning, post-secondary education, employment, residential supports, and community living. Students learn how these challenges inform services that support full inclusion and improve quality of life.

 prerequisites: PSYCH 10000 and PSYCH 15000 (Human Development) or departmental permission
 3 hrs
 3 cr.

**PSYCH 31000 - Research Methods in Developmental Psychology**

**GER**

3/B

Open to declared majors only. Theory and research in selected areas of developmental psychology. PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

 prerequisites: ENGL 12000, PSYCH 15000 or 21000, PSYCH 24900 or 25000, perm instr.
 3 hrs
 3 cr.

**PSYCH 31300 - Adolescence**

This course reviews the physical, cognitive, emotional, and social changes that typically occur during adolescence. Topics include classic and contemporary theories of adolescent development and the interactions between adolescents and their social and cultural environments.

 prerequisites: ENGL 12000, PSYCH 24900 or 25000, and PSYCH 21000
 3 hrs
 3 cr.
PSYCH 31500 - Adult Development

GER
3/B

Open to declared majors only. Theories and research concerning the personal and social development of men and women in adulthood; ongoing changes with age related to physical growth and decline, including marital, parental and interpersonal relationships, occupational roles, leisure activities, disability and approaching death.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000, PSYCH 15000 or 21000, PSYCH 24900 or 25000
3 hrs
3 cr.

PSYCH 32300 - Developmental Psychopathology

GER
3/B

Survey and evaluation of empirical and theoretical approaches to the major psychological abnormalities that arise in childhood and adolescence; their characteristics, causes and treatments.

prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000
3 hrs
3 cr.

PSYCH 33200 - Attitudes and Persuasion

This course reviews basic theory and research applications on attitudes and attitude change processes, including how attitudes are measured, used to predict behavior, and, to persuade individuals.

prereq: ENGL 12000; PSYCH 24900 or 25000; and PSYCH 21000 -or- 23000
3 hrs
3 cr.

PSYCH 33300 - Advanced Social Psychology Theory and Methods

In-depth training in the concepts and skills necessary for conducting scientific research in social psychology. Core concepts in social psychology are used as the basis for case-studies in which different methods for examining constructs are illustrated and compared.

prereq or coreq: PSYCH 24800 with a minimum grade of C; completion of PSYCH 24900 or 25000; declaration of the psychology major.
3 hrs
3 cr.

PSYCH 33400 - Cultural Psychology

As ours society becomes more multi-cultural, the question of how culture impacts psychological processes is increasingly important. The goal of this course is to expose students to the ways that cultural meanings, practices, and institutions influence and reflect individual human psychologies, with an emphasis on cultural variability in
psychological theories and research findings. Topics include but are not limited to: a) What is cultural psychology; b) Research methods in cultural psychology; c) Historical and conceptual issues in cultural psychology d) cross-cultural models of self, attention, perception, morality, memory, human development and health, e) cultural differences in gender effects and f) policy implications of cultural psychology

prereq: ENGL 12000, Completion of PSYCH 24900 or 25000 and PSYCH 23000
3 hrs.
3 cr.

PSYCH 36100 - Psychological Tests

GER

3/B

Introduction to the principles of psychological assessment; major methods of measuring general ability, aptitude, achievement, interest, personality. Appraisal of psychological tests.

prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 21000
3 hrs
3 cr.

PSYCH 37000 - Cognitive Development

GER

3/B

A comparative information processing perspective on the development of mental structure and functioning, including perception, memory, problem solving, self-awareness of thinking, intelligence, concept formation and language development.

prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 27000 or perm instr.
3 hrs
3 cr.

PSYCH 38400 - Current Topics in Developmental Psychology

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of developmental psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

prereq: ENGL 12000, PSYCH 21000 PSYCH 24900 or 25000
3 hrs
3 cr.

CUNY Common Core by Department

Students may take no more than two courses from one department or program to fulfill categories A2 (English Composition 2) through H.

Africana and Puerto Rican/Latino Studies
AFPRL 10000 - Introduction to Black Politics

Hunter Core
Individual and Society (Social Sciences) - I&S SS
Pluralism and Diversity
PD/B
GER
2/B

General survey of politics of African world with major emphasis on politics in Black America.

3 hrs
3 cr.

AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective

Hunter Core
Individual and Society (Social Sciences) - I&S SS
Pluralism and Diversity
PD/B
GER
2/B

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.

3 hrs
3 cr.

AFPRL 10400 - Introduction to Puerto Rican and Latino Studies

Hunter Core
Individual and Society (Social Sciences) I&SS
Pluralism and Diversity
PD/B

An examination of the Puerto Rican and Latino experience in the United States as part of the larger ethnic minorities' struggle for political, cultural, and social recognition and equality. The course provides students with an introduction to and a basic understanding of the Puerto Rican and Latino experience in the US.

3 hrs
3 cr.

AFPRL 18100 - Language and Ethnic Identity

Hunter Core
Individual and Society (Social Sciences) -I&S SS

AFPRL 18200 - Culture and Ethnic Identity

Hunter Core
World Culture and Global Issues (WCGI)

AFPRL 20100 - African History from Human Origins to 1600 CE
African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.

3 hrs
3 cr.

**AFPRL 20200 - African History Since 1600 CE**

Main currents of African history from 1600 CE to present

3 hrs
3 cr.

**AFPRL 20500 - African American Politics of Social Change**

The Civil Rights Movement and social change in U.S. Since 1954.

3 hrs
3 cr.

**AFPRL 20900 - Introduction to Caribbean History to 1900**

Introduction to the major themes in Caribbean history to 1900.

prereq: ENGL 12000

3 hrs
3 cr.
AFPRL 21000 - Introduction to Caribbean History: 1900 - Present

Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 22200 - African Civilization

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to study of African civilization.
3 hrs
3 cr.

AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)

Hunter Core
English Composition (EC)
Pluralism and Diversity
PD/A or B
GER
2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.
prereq: ENGL 12000
3 hrs
3 cr

AFPRL 24300 - Puerto Rican Culture

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C
General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.

3 hrs
3 cr.

**AFPRL 26000 - Latinos and US Citizenship**

**Hunter Core**
Individual and Society
Pluralism and Diversity

PD/B

Study of the relationship of US Latinos to the institution of American citizenship through history and examination of major issues today.

3 hrs
3 cr.

**Anthropology**

**ANTHC 10000 - Cultural Diversity in the United States: Historical and Ethnographic Perspectives (W)**

**Hunter Core**
US Experience in its Diversity (USED)
Introduction to the critical and comparative study of cultural diversity in the United States.

*prereq: ENGL 12000*

3 hrs
3 cr.

**ANTHC 10100 - Introduction to Cultural Anthropology**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity

PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

3 hrs
3 cr.

*offered every sem.*

**ANTHC 12600 - Introduction to Prehistoric Archaeology**

**Hunter Core**
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs
ANTHC 15100 - Introduction to Linguistics

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr.

ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10200 (STEM) - Human Variation

Hunter Core
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
GER
2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10500 - The Human Species

Hunter Core
Life and Physical Sciences (LPS)
GER
2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of
scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution

3 hrs
3 cr.

**ANTHC 12700 - Methods In Archaeological Science**

**Hunter Core**

**SW**
Introduction to theory and method of scientific research in archaeology.

*prereq: ANTHC 12600 or perm instr.*

3 hrs
3 cr.

**Art**

**ARTH 11100 - Introduction to History of Art**

**Hunter Core**

Individual and Society (Humanities) -I&S H

**Pluralism and Diversity**

PD/D
GER
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr.

**Asian American Studies**

**ASIAN 23002 - Asian American Communities and Mental Health**

**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

**Pluralism and Diversity**

PD/B

Introduction to psychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery.

3 hrs
3 credits

**ASIAN 21000 - Asians in the U.S.**
Pluralism and Diversity

PD/B

Critical interdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order. Recommended for but not required of AASP Minors.

3 hrs
3 cr.

ASIAN 22100 - Introduction to Writing About Asian American Literature (W)

Hunter Core

English Composition (EC)

This course emphasizes close reading of and analytical writing about writing by Asian American writers. ASIAN 221 develops students' critical and interpretive skills necessary for meaningful written and verbal responses to literature in the context of Asian American history and experience.

prereq: ENGL 12000
3 hrs
3 cr.

Biology

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity

PD/C or D

GER

2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.

spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only

BIOL 10500 - Introduction to Genome Biology

Hunter Core

Life and Physical Sciences (LPS)

A genome is the total genetic content of an organism. Driven by breakthroughs such as the decoding of the first human genome and rapid DNA-sequencing technologies, biomedical sciences are undergoing a rapid and profound transformation into a highly data-intensive field, which requires familiarity with concepts in both biology and computer science. Genome information is revolutionizing virtually all aspects of biology and medicine and will lead to major advances such as more efficient production of renewable energy, better cures for cancers, and longer and healthier life expectancy. This course will introduce genome-sequencing technologies, explore hundreds of genome projects online, and discuss both the benefits and challenges (e.g., ethical and legal) of the genomic revolution to society.

3 hrs.

3 cr.

BIOL 10700 - The Human Barcode: Biology and Genetics of Personal Identification

Hunter Core

LPS

An introductory lecture/laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by scientists to analyze how DNA or skin can uniquely lead to a person's identification, and the biological concepts behind them. For example, through the topics that are covered, students will learn how biological evidence like fingerprints and DNA is collected, analyzed, and presented as evidence to solve crimes. Students will learn important biological concepts such as DNA, development, and characteristics of body tissues.

3 hrs

3 cr.

BIOL 12500 (STEM) - Human Biology

Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

GER

2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and
physiology.

6 hrs
4.5 cr.
spring only

BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.

Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.

6 hrs
4.5 cr.
fall only

BIOL 17500 - Choreographing Genomics

Hunter Core
Scientific World (SW)

This course uses postmodern dance to model biological processes. It is an introductory biology course for non-majors studies in the biological science of molecular genome information through readings, quantitative assignments, movement exercises and artistic lenses. Students explore a detailed examination of heredity and cancer with a focus on contributions of DNA. Students are expected to articulate gene information flow through problem solving, written assignments, oral contributions, and movement forms. Topics covered include the definition of a gene, recombination of genes, the central dogma of genetic flow in a biological system, the 1:1 Pair Rule (Chargaff's rules), DNA sequencing, functional genomics and the relationships of genes to cancer and heredity, as well as ethical issues in medicine.

Each student is in charge of their own body and must recognize that they will have to use their body for assignments and in class participation work.

Students will be required to talk and move in class (comfortable clothes, flat shoes or bare feet, and a yoga mat are required).

Students will have reflective assignments that include written work.

Students will be required to develop visual and movement-based models.

prereq: MATH 10100 or MATH 101EN

3 hrs
3 cr.
spring only
Chemistry

CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.

prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

4 hrs (3 lec, 1 rec)
3 cr.

CHEM 10100 - Inquiries into the Nature of Matter

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students.
Primarily for nursing, nutrition and food science and public health students.

3 hrs
3 cr.

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10300 (STEM) - General Chemistry Laboratory I

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.
Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.

Offered only for special honors.

prereq or coreq: CHEM 10200
3 hrs
1.5 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10500 (STEM) - General Chemistry Laboratory II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E

Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
CHEM 11100 (STEM) - Chemical Principles

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or 12500 or 12550
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

GER
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics. Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

Course presents essential facts, laws and theories of organic chemistry. Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry. Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

Classical and Oriental Studies

HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr.

HEBR 22100 - Modern Israeli Culture

Hunter Core
World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

HEBR 22200 - Introduction to Jewish Texts and Writings

Hunter Core
World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120
3 hours
3 credits

HEBR 24000 - Introduction to the Old Testament

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.

3 hrs
3 cr

**HEBR 25900 - Old Testament Religion**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

3 hrs
3 cr

**HEBR 29000 - Biblical Archaeology**

**Hunter Core**
Flexible Core: World Culture and Global Issues

**Pluralism and Diversity**
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

3 hrs
3 cr

**HEBR 29500 - Ancient Hebrew Law**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.

3 hrs
3 cr

**RUSS 15600 - Culture of Imperial Russia: the Age of Empresses**

**Hunter Core**
Individual and Society - Humanities (I&S H)

**Pluralism and Diversity**
PD/C
Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.

`cross-listed` WGSC 15600

`prereq:` ENGL 12000

3 hrs

3 cr.

**RUSS 15700 - The Age of the Great Masters**

**Hunter Core**  
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**  
PD/D

**GER**  
2/C

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.

`prereq:` ENGL 12000

3 hrs

3 cr.

**RUSS 15800 - Contemporary Russian Culture**

**Hunter Core**  
Individual & Society (I&S) Humanities

**GER**  
2/C

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.

`prereq:` ENGL 12000

3 hrs

3 cr.

**RUSS 25000 - 19th Century Russian Literature in English Translation (W)**

**Hunter Core**  
Individual and Society (I&S) Social Sciences

**Pluralism and Diversity**  
PD/D

**GER**  
2/C

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.

`prereq:` ENGL 12000
RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

Hunter Core
Individual and Society Humanities (I&S) H
Pluralism and Diversity
PD/D
GER
3/A

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.

prereq: ENGL 12000

3 hrs
3 cr.

RUSS 25200 - Modern Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.

prereq: ENGL 12000

3 hrs
3 cr.

RUSS 25300 - Russian Theater in English Translation (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol

prereq: ENGL 12000

3 hrs
3 cr.

RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.

**Prereq:** ENGL 12000

3 hrs

3 cr.

**RUSS 25500 - Russian Folklore, in Translation (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/D

GER

2/C

Common Slavic myths and traditions.

**Prereq:** ENGL 12000

3 hrs

3 cr.

**RUSS 27000 - Russian Cinema and Society (W)**

**Hunter Core**

Individual and Society (Social Science) - I&S SS

**GER**

2/C

Exploration of how Russian cinema affects the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.

3 hrs

3 cr.

**RUSS 29300 - Folklore in Translation: A Comparative Study**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A

Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in juxtaposition to Russian folklore.

**Prereq:** ENGL 120

3 hrs

3 cr.

**RUSS 29400 - Folklore and Literature (W)**
Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 29500 - The Vampire in Lore and Literature (W)

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the 21st century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.

prereq: ENGL 22000
3 hrs
3 cr.

RUSS 29600 - Vladimir Nabokov Between Two Cultures

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.

prereq: ENGL 22000 or perm dept.
3 hrs
3 cr.

ARB 15000 - Introduction to Modern Arab Cultures
This course will explore the diversity of cultures in the modern Arab World. By “culture” we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs
3 cr.

**ARB 25000 - The Arab Novel (in translation) (W)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

*prereq: ENG 22000 or equiv.*

3 hrs
3 cr.

**ARB 25100 - Arab Cinema (in translation)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

*prereq: ENGL 12000 or equivalent*

3 hrs
3 credits

**ARB 25200 - Literatures from the Islamic World (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

*prereq: ENGL 12000 or equivalent*

3 hrs
3 credits

**ARB 25300 - Literatures and Cultures of Muslim Spain (W)**
**ARB 25400 - The Arabian Nights East and West (W)**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.

*prereq or coreq: ENGL 12000 or equivalent*

3 hrs
3 credits

**ARB 25500 - Modern Palestinian Culture**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.

3 hrs
3 cr.

**ARB 25600 - Modern Arab Theatre**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A

Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.

3 hrs
3 cr.
ARB 25700 - Language and Culture in Contemporary North Africa

Pluralism and Diversity
P/D A
GER
World Cultures and Global Issues (WCGI)

North Africa (Maghreb) is often described as a crossroads of many cultures - Arab, Berber, African, European, and others. Over the course of this semester, we will discuss important issues facing this region, including democratic reform efforts both before and following the Arab spring, Berber language movements and other language debates, colonial and post-colonial struggles, and social and cultural debates surrounding gender and religion. Through readings of key literary, historical, political, and cultural texts, as well as viewing important documentary and fictional film productions, we will examine this fascinating region from multiple vantage points.

prereq: ENGL 12000
3 hrs
3 cr.

JPN 25100 - Japanese Culture Before 1600

Hunter Core
Individual and Society - Humanities (I&S H)
Pluralism and Diversity
PD/A
GER
2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian – to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries – most notably China – to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).

prereq: ENGL 120
3 hrs
3 cr

CHIN 11100 - Chinese Culture I

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.

3 hrs
3 cr.
CHIN 11200 - Chinese Culture II

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.
3 hrs
3 cr.

CHIN 25100 - Topics in Chinese Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3 cr.

CLA 10100 - Classical Mythology

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr.

CLA 11000 - The Greek and Latin Roots of English

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs
3 cr.

CLA 20100 - Greek Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.  
prereq: ENGL 12000  
3 hrs  
3 cr.

CLA 20300 - Roman Civilization (W)

Hunter Core  
World Culture and Global Issues (WCGI)  
Pluralism and Diversity  

GER  
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.  
prereq: ENGL 12000  
3 hrs  
3 cr.

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core  
World Culture and Global Issues (WCGI)  

GER  
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.  
prereq: ENGL 12000  
3 hrs  
3 cr.

CLA 25000 - Greek and Roman Tragedy (W)

Hunter Core  
Individual and Society (Humanities) -I&S H  
Pluralism and Diversity  

GER  
2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.  
prereq: ENGL 12000 recom: CLA 10100  
3 hrs  
3 cr.

CLA 25100 - Ancient Comedy (W)
Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. 

*prereq: ENGL 12000*

3 hrs
3 cr.

CLA 25300 - Homer and Vergil (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil. 

*prereq: ENGL 12000 recom: CLA 10100*

3 hrs
3 cr.

Computer Science

CSCI 12000 - Introduction to Computers

Hunter Core
Scientific World (SW)
GER
2/E

Intended for non-majors. Basic concepts of computer technology. Principles of hardware operation, software and networking. Roles of computers in society, including ethical and legal issues.
This course cannot be counted towards the CSCI major

*prereq: none*

3 hrs
3 cr.

CSCI 12100 - Computers and Money: Quantitative Reasoning in Context

Hunter Core
Math and Quantitative Reasoning (MQR)
GER
1/B

Quantitative reasoning tackled from a computer based perspective and focusing on practical financial topics - stocks, gambling, inflation, diversification, taxes, hedging, saving, real estate, retirement and others. Students take a hands-on, spreadsheet- based approach to understanding issues of money and personal finance.
This course cannot be counted towards the CSCI major.

**prereq: none**

3 hrs

3 cr.

### CSCI 12700 - Introduction to Computer Science (STEM)

**Hunter Core**
**Scientific World (SW)**
**GER**
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)

3 cr.

### CSCI 13200 - Practical UNIX and Programming, with Lab

**Hunter Core**
**Scientific World (SW)**
**GER**
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.

**prereq: none**

3 hrs

3 cr.

### CSCI 13300 - Programming for Everyone

**Hunter Core**
**Scientific World (SW)**
**GER**
2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs

3 cr.

### SCI 11100 - Brains, Minds, and Machines
**Hunter Core**
Scientific World (SW)
This course addresses current knowledge about how human brains, human minds, and artificially intelligent machines think. Students will learn about groundbreaking work that will provide insight into people, the apps they rely on, and the robots in their future. Highly recommended for students considering any science major, and for students interested in problem solving.

*3 hrs*
*3 cr.*

---

**Dance**

**DAN 10200 - Dance in Culture**

**Hunter Core**
Creative Expression (CE)
GER
GER 2/D

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

*3 hrs.*
*3 cr.*

---

**DAN 23200 - Global Dance History**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

*prereq: N/A*
*3 hrs.*
*3 cr.*

---

**Economics**

**ECO 10000 - Introduction to Economics**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS
GER
2/B
Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings. ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

prereq: Math/Writing Proficient/Non degree students
3 hrs
3 cr.

ECO 22100 - Economic Statistics

Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3 hr lecture or 2 hr lecture/1 hr discussion
3 cr.

English

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.
ENGL 25000 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A or B or C or D
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 25100 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

Film & Media Studies

FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.

3 hrs
3 cr.

MEDIA 21100 - News Literacy in a Digital Age

Hunter Core
English Comp (EC)
In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

*prereq: ENGL 12000
*3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
*3 cr.

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

**Geography**

**GEOG 10100 - People and Their Environment**

**Hunter Core**
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.

*offered fall and spring.*

**GEOG 15000 - World Regions in Global Context**

**Hunter Core**
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A or D
GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-
changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

 prerequisites: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

PGEOG 13000 (STEM) - Weather and Climate

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: $5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

GEOL 10000 - Introduction to Geology

Hunter Core
Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

GEOL 10100 - Introductory Geology Lab

Hunter Core
Life & Physical Sciences
GER
2/E
Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.

3 hrs.
3 cr.

GEOL 10500 - Introduction to Environmental Studies

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.

prereq: ENGL 12000
3 hrs.
3 cr.

GEOL 18000 - Introduction to Oceanography

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs.
3 cr.
Offered fall and spring

German

GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core
Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
*No "W" designation when offered in Winter Session

History

HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 12100 - Early Modern Europe 1500 to 1815

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/D
GER
2/B

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 12200 - 19th and 20th Century Europe (W)
Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

**HIST 15100 - The United States from the Colonial Era to the Civil War (W)**

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

**HIST 15200 - The United States from the Civil War Era to the Present (W)**

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

**HIST 20800 - History of the Jews**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

prereq or coreq: ENGL 12000
3 hours
3 credits

**HIST 27700 - East Asia to 1600 (W)**

**Hunter Core**
- World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
- PD/A
- GER
- 2/B

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 27800 - East Asia, 1600 to the Present (W)**

**Hunter Core**
- World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
- PD/A
- GER
- 2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**Humanities**

**HUM 15000 - Introductory Topics in Humanities and the Arts (W)**

**Hunter Core**
- Creative Expression (CE)

Specific topics will be listed in the Schedule of Classes for a given semester.

_prereq: in accordance with depts sponsoring the course_

3-6 hrs
3 cr.

**HUM 20100 - Explorations in the Arts**

**Hunter Core**
- Creative Expression (CE)
- GER
- 2/D

Introduction to temporal and spatial arts with special emphasis on theatre, film, music, and visual arts. Focus on principles they share as well as on their distinguishing features. Attendance at artistic events in NYC.
Macaulay Honors College

MHC 10000 - MHC Seminar 1, The Arts in New York City (W)

**Hunter Core**
Creative Expression (CE)
Fulfills GER 2D, Visual and Performing Arts: Media, Art, Dance, Film, Music, Theatre
prereq: Open to Macaulay Honors College students only
3 hours
3 credits

MHC 15000 - MHC Seminar 2: Peopling of New York (W)

**Hunter Core**
Individual and Society (Social Sciences) - I&S SS
Fulfills GER 2B, Social Science: People and Their Societies.
prereq: Open only to Macaulay Honors College students.
3 hours
3 credits

MHC 20000 - MHC Seminar 3: Science and Technology (W)

**Hunter Core**
Scientific World (SW)
GER
GER 3B

prereq: Macaulay Honors College only. ENGL 12000; MHC 15000 or its equivalent at another CUNY Honors College campus
3 hours
3 credits

Mathematics and Statistics

MATH 10000 - Basic Structures of Mathematics

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Not open to students who have received credit for any math or stat course that satisfies the GER 1/B requirement. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics. This course is a terminal course and does not serve as a prerequisite to any other course in the department
prereq: CUNY Math Proficiency
MATH 10200 - Mathematics and Everyday Life

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Students will learn how to model real world problems with mathematics, and learn techniques for solving them. Topics include personal finance, statistical reasoning, probability, exponential growth, and voting theory.

*prereq: CUNY Math Proficiency

3 hrs
3 cr.

MATH 10400 (STEM) - Mathematics for Elementary Education I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.

*prereq: grade of C or better in MATH 10100 or MATH 101EN or appropriate score on the placement exam

3 hrs
3 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs
4 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

STAT 21200 - Discrete Probability

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics
Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*

3 hrs
3 cr.

**Music**

**MUSHL 10100 - A Thousand Years of Listening**

*Hunter Core*
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.

3 hrs
3 cr.

**MUSHL 10700 - The World of Music**

*Hunter Core*
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.

3 hrs
3 cr.

**MUSTH 10100 - Music Theory Fundamentals**

*Hunter Core*
Creative Expression (CE)
GER
2/D

For non-majors. Introduction to music theory, sight singing, and ear training.

3 hrs
3 cr.
Philosophy

PHILO 10100 - Introduction to Philosophy

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

Examination of basic philosophical questions through study of selected philosophical classics.

*prereq or coreq: ENGL 12000
3 hrs
3 cr.
offered each semester

PHILO 10400 - Introduction to Ethics and Moral Judgment

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

An introduction to theories of ethical reasoning and problems of moral judgment. Different theories of the good life and concepts of rightful conduct, especially regarding one's personal life and contemporary social problems, will be considered.

3 hrs
3 cr.
offered each semester

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.

3 hrs
3 cr.
offered each semester

PHILO 17000 - Introduction to Logic and Scientific Method

Hunter Core
Scientific World

An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
PHILO 21900 - Chinese Philosophy (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.

prereq: ENGL 12000
3 hrs
3 cr.

PHILO 22600 - African-American Philosophy (W)

Hunter Core
US Experience in its Diversity (USED)
Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.

prereq: ENGL 12000
3 hrs
3 cr.

PHILO 25500 - Environmental Philosophy (W)

Hunter Core
Individual and Society (Social Sciences) I&S SS
Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.

prereq: ENGL 12000
3 hrs
3 cr.

PHILO 25600 - Philosophy and Literature (W)

Hunter Core
Creative Expression (CE)
GER
3/A

Analysis of major philosophical themes in some classics of world literature.

prereq: ENGL 12000
PHILO 27000 - Philosophy, Science and Culture (W)

Hunter Core
Scientific World (SW)
GER
3/B

Issues relating to the impact of modern science on philosophy, religion and culture.

prereq: ENGL 12000
3 hrs
3 cr.

Physics

ASTRO 10000 - Basic Concepts in Astronomy

Hunter Core
Scientific World (SW)
GER
2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe.
3 hrs.
3 cr.

ASTRO 10200 - Laboratory Explorations in Astronomy

Hunter Core
Life and Physical Sciences (LPS)
GER
2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.
prereq or coreq: ASTRO 10000
3 hrs
3 cr.

PHYS 10000 - Basic Concepts of Physics

Hunter Core
Scientific World (SW)
GER
2/E
This is an introductory, one-semester physics course designed for non-science majors. It minimizes the use of mathematics, beyond simple addition, multiplication, subtraction and division. The course will meet three hours per week in lecture. The contents are the lecture material of the existing PHYS 101 LC course. Topics include: Newton's laws of motion, linear motion and falling objects, momentum, energy, rotational motion, gravity, atomic structure, liquids, gases, heat, vibrations and waves, sound, electrostatics, electric current, magnetism, electromagnetic induction, light, color, reflection and refraction, an introduction to quantum mechanics, and radioactivity. This course is a co-requisite or pre-requisite of PHYS 10100, which consists of traditional lab experiments and guided problem-solving sessions, that are closely correlated with the lecture material covered in this course.

3 hrs
3 cr.

**PHYS 10100 - Basic Concepts of Physics with Laboratory Exercises**

**Hunter Core**

Life and Physical Sciences (LPS)

**GER**

2/E

Introductory one-semester physics lab-based course designed for non-science majors. The course emphasizes the basic concepts of physics, and a qualitative understanding of physics in everyday life.

*prereq or coreq: PHYS 10000*

3 hrs
3 cr.

**PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

**Hunter Core**

Life and Physical Sciences (LPS); Scientific World (SW)

**GER**

2/E

First semester of two-semester introductory physics course using algebra.

*prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500*

7 hrs (3 lec, 3 lab, 1 rec)

4.5 cr.

**PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

**Hunter Core**

Scientific World (SW) Life and Physical Sciences (LPS)

**GER**

2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

*prereq or coreq: coreq (with perm dept.): MATH 15000*

8 hrs (4 lec, 3 lab, 1 rec)

5.5 cr.
**PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

*prereq: PHYS 11000 or 11100*

7 hrs (3 lec, 3 lab, 1 rec)

4.5 cr.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

*prereq: PHYS 11000 or 11100*

*prereq or coreq: (with perm dept.): MATH 15500*

8 hrs (4 lec, 3 lab, 1 rec)

5.5 cr.

**Political Science**

**POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)
GER
2/B

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.

*prereq or coreq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 11000 - American Government: A Historical Introduction**

**Hunter Core**
US Experience in its Diversity (USED)
GER
1/C or 2/B
Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 11500 - Introduction to International Relations (W)

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Diplomacy, power, war, peace, terrorism, nationalism, imperialism, the UN, structures and processes of world politics.

prereq or coreq: ENGL 12000
3 hrs.
3 cr.

POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 25000 - Comparing Countries (W)

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
3/B
Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include: Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.

_prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

Religion

REL 11000 - Nature of Religion (W)

_Hunter Core_
Individual and Society (Humanities) - I&S H
_GER_
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.

3 hrs
3 cr.

REL 11100 - Approaches to Religion (W)

_Hunter Core_
Individual and Society (I&S) Humanities
_GER_
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.

_prereq: ENGL 12000
3 hrs
3 cr.

REL 20400 - Religious Experience (W)

_Hunter Core_
Individual and Society (Humanities) - I&S H
_Pluralism and Diversity_
_PD/D_
_GER_
2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.

_prereq: ENGL 12000
3 hrs
3 cr.

REL 20500 - Faith and Disbelief (W)

_Hunter Core_
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20700 - Religious Sources for Morality (W)

Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
PD/D
GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20800 - Religion and Social Justice (W)

Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
PD/D
GER
2/B

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.
prereq: ENGL 12000
3 hrs
3 cr.
It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world’s religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

**REL 20900 - Religion and Human Rights (W)**

**Hunter Core**
Individual and Society - Humanities
**GER**
2/C

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25100 - Asian Religions (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A
**GER**
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25200 - Ancient Near Eastern Religions (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A
**GER**
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25300 - Abrahamic Religions (W)**
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.

*prereq: ENGL 12000
3 hrs
3 cr.

REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.

*prereq: ENGL 12000
3 hrs
3 cr.

REL 25500 - Religions of Two Gods (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

*prereq: ENGL 12000
3 hrs
3 cr.

REL 25600 - Afro-Caribbean Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.

*prereq: ENGL 12000
REL 27000 - Religion and Psychology (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr.

Romance Languages

FREN 24100 - Early French Civilization: From Gothic to Revolution

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
3 hrs
3 cr.

FREN 24200 - Modern French Civilization: From Revolution to Present

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
3 hrs
3 cr.

ITAL 28000 - The Italian Renaissance: An Introduction

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ENGL 12000*

3 hrs

3 cr.

**SPAN 24100 - Civilization of Spain, in English**

**Hunter Core**

World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

GER 2/C PD/D

An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects.

*prereq: ENGL 12000*

3 hrs

3 cr.

**Sociology**

**SOC 10100 - Introduction to Sociology**

**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

**GER**

2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs

3 cr.

**Theatre**

**THEA 10100 - Introduction to Theatre**

**Hunter Core**

Creative Expression (CE)

**GER**

2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.

3 hrs

3 cr.

**THEA 21100 - World Theatre I (W)**
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
*prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
*prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21300 - World Theatre III (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
*prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

Urban Studies

URBS 10100 - Urban Life: Personal and Observational View (W)

Hunter Core
Individual & Society - Social Science I&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
**URBS 10200 - Structure of Urban Region (W)**

**Hunter Core**
Individual and Society Social Science (I&S SS)
GER
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy.

*prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.*

3 hrs
3 cr.

**Women and Gender Studies**

**WGS 10000 - Introduction to Gender and Sexuality Studies**

**Hunter Core**
Individual and Society - Social Sciences (I&S SS)
Pluralism and Diversity
PD/C
GER
2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.

3 hrs
3 cr.

**WGSS 29000 - Special Topics in Sexualities**

**Hunter Core**
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
WGSS 29000: This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and sexuality.

*prereq: ENGL 12000*

3 hrs
3 cr.

**WGSA 29000 - Special Topics in Gender, Literature and the Arts**
**Hunter Core**
Individual and Society Social Science (I&S SS)
**Pluralism and Diversity**
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of gender, literature, and the arts.

*prereq: ENGL 12000*

*3 hrs*

*3 cr.*

**WGSC 29000 - Special Topics in Women and Gender Across Cultures**

**Hunter Core**
Individual and Society Social Science (I&S SS)
**Pluralism and Diversity**
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of women and gender across cultures.

*prereq: ENGL 12000*

*3 hrs*

*3 cr.*

**WGSL 29000 - Special Topics in Labor, Migration, and Globalization**

**Hunter Core**
Individual and Society Social Science (I&S SS)
**Pluralism and Diversity**
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of labor, migration, and globalization.

*prereq: ENGL 12000*

*3 hrs*

*3 cr.*

**WGSP 29000 - Special Topics in Gender and Public Policy**

**Hunter Core**
Individual and Society Social Science (I&S SS)
**Pluralism and Diversity**
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and public policy.

*prereq: ENGL 12000*

*3 hrs*

*3 cr.*

**WGST 29000 - Special Topics in Feminist Thought and Theory**
Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of feminist thought and theory.

*prereq: ENGL 12000
3 hrs
3 cr.*

**WGS 12100 - Public Speaking in Gender Studies**

Hunter Core
Individual & Society Social Science (I&S SS)
Pluralism and Diversity
P&D C
This course is designed to cultivate and improve students' public speaking skills, for use in the classroom and in broader public spheres. To do so, we will engage with materials in critical identity studies (primarily on class, race, gender, and sexuality), which generate complex debates and afford fruitful opportunities to refine oratory skills.

3 hrs
3 cr.

School of Urban Public Health

**NFS 14100 - Nutrition**

Hunter Core
Scientific World (SW)
Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr.

**CUNY Common Core English Composition (EC) 2 courses**

Return to General Education - Effective Fall 2019

**English Composition I (3 credits)**

**ENGL 12000 - Expository Writing**

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express
themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

**English Composition 2 (3 credits)**

**AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)**

*Hunter Core*

English Composition (EC)

*Pluralism and Diversity*

PD/A or B

*GER*

2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.

*prereq: ENGL 12000*

3 hrs

3 cr

**ASIAN 22100 - Introduction to Writing About Asian American Literature (W)**

*Hunter Core*

English Composition (EC)

This course emphasizes close reading of and analytical writing about writing by Asian American writers. ASIAN 221 develops students’ critical and interpretive skills necessary for meaningful written and verbal responses to literature in the context of Asian American history and experience.

*prereq: ENGL 12000*

3 hrs

3 cr

**ENGL 22000 - Introduction to Writing about Literature (W)**

*Hunter Core*

English Comp (EC)

*GER*

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**MEDIA 21100 - News Literacy in a Digital Age**
Hunter Core
English Comp (EC)
In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

Prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

CUNY Common Core Individual and Society (Humanities)
I&S H 1 Course

Return to General Education - Effective Fall 2019

Individual and Society (Humanities) I&S H 1 Course

ARTH 11100 - Introduction to History of Art

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr. cr

ASIAN 21000 - Asians in the U.S.

Hunter Core
I&S H
Pluralism and Diversity
PD/B

Critical interdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order.

Recommended for but not required of AASP Minors.
3 hrs
3 cr.

CHIN 25100 - Topics in Chinese Literature in English Translation (W)
Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3 cr.

CLA 25000 - Greek and Roman Tragedy (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25100 - Ancient Comedy (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.
prereq: ENGL 12000
3 hrs
3 cr.

CLA 25300 - Homer and Vergil (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)
Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

3 hrs
3 cr.

**HEBR 29200 - The Hebrew Prophets**

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.

3 hrs
3 cr

**ITAL 28000 - The Italian Renaissance: An Introduction**

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ENGL 12000

3 hrs
3 cr.

**JPN 25100 - Japanese Culture Before 1600**

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian – to name a few) and uncover how many aspects of Japanese culture were shaped. From the
influence from nearby countries – most notably China – to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).

**PHILO 10100 - Introduction to Philosophy**

**Hunter Core**  
Individual and Society (Humanities) - I&S H  
GER  
2/C

Examination of basic philosophical questions through study of selected philosophical classics.  
**prereq or coreq:** ENGL 12000  
3 hrs  
3 cr.

offered each semester

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**  
Individual & Society - Humanities (I&S H)  
GER  
2/C

Social, political, and economic factors that determine and shape products of media organizations.  
3 hrs  
3 cr.

**PHILO 10400 - Introduction to Ethics and Moral Judgment**

**Hunter Core**  
Individual and Society (Humanities) - I&S H  
GER  
2/C

An introduction to theories of ethical reasoning and problems of moral judgment. Different theories of the good life and concepts of rightful conduct, especially regarding one's personal life and contemporary social problems, will be considered.  
3 hrs  
3 cr.

offered each semester

**REL 11000 - Nature of Religion (W)**
Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.

3 hrs
3 cr.

REL 11100 - Approaches to Religion (W)

Hunter Core
Individual and Society (I&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20400 - Religious Experience (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20500 - Faith and Disbelief (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20600 - Ideas of God in Contemporary Western Thought (W)
Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**REL 20700 - Religious Sources for Morality (W)**

Religious reasons for determining good and evil; religious sources for ethical decisions.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**REL 20800 - Religion and Social Justice (W)**

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**REL 20900 - Religion and Human Rights (W)**

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the
confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

**prereq: ENGL 12000**

3 hrs

3 cr.

**REL 25500 - Religions of Two Gods (W)**

**Hunter Core**

Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**

PD/A

GER

2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

**prereq: ENGL 12000**

3 hrs

3 cr.

**REL 27000 - Religion and Psychology (W)**

**Hunter Core**

Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**

PD/D

GER

2/C

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.

**prereq: ENGL 12000**

3 hrs

3 cr.

**RUSS 15600 - Culture of Imperial Russia: the Age of Empresses**

**Hunter Core**

Individual and Society - Humanities (I&S H)

**Pluralism and Diversity**

PD/C

GER

2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.

cross-listed WGSC 15600

**prereq: ENGL 12000**
3 hrs
3 cr.

RUSS 15800 - Contemporary Russian Culture

Hunter Core
Individual & Society (I&S) Humanities
GER
2/C

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25000 - 19th Century Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

Hunter Core
Individual and Society Humanities (I&S) H
Pluralism and Diversity
PD/D
GER
3/A

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25200 - Modern Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I&S) Social Science
Pluralism and Diversity
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.

*prereq: ENGL 12000*

*3 hrs*

*3 cr.*

**RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)**

*Hunter Core*

*Individual and Society (Humanities) -I&S H*

*Pluralism and Diversity*

*GER*

*2/C*

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.

*prereq: ENGL 12000*

*3 hrs*

*3 cr.*

**RUSS 26000 - Russian Women Writers in English Translation (W)**

*Hunter Core*

*I&S H*

*Pluralism and Diversity*

*GER*

*3/A*


*cross-listed WGS A 26000 (W)*

*prereq: ENGL 12000*

*3 hrs*

*3 cr.*

**RUSS 27000 - Russian Cinema and Society (W)**

*Hunter Core*

*Individual and Society (Social Science) -I&S SS*

*GER*

*2/C*

Exploration of how Russian cinema affects the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.

*3 hrs*

*3 cr.*
RUSS 29700 - The Russian Urban Novel in English Translation (W)

Hunter Core
Individual and Society - Humanities (I&S H)
GER
3/A

The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr.

CUNY Common Core Individual and Society (Social Sciences)
I&S SS 1 Course

Return to General Education - Effective Fall 2019

Individual and Society (Social Science) I&S SS 1 Course

AFPRL 10000 - Introduction to Black Politics

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B

General survey of politics of African world with major emphasis on politics in Black America.
3 hrs
3 cr

AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr.

AFPRL 10400 - Introduction to Puerto Rican and Latino Studies
Hunter Core
Individual and Society (Social Sciences) I&SS
**Pluralism and Diversity**

**PD/B**
An examination of the Puerto Rican and Latino experience in the United States as part of the larger ethnic minorities' struggle for political, cultural, and social recognition and equality. The course provides students with an introduction to and a basic understanding of the Puerto Rican and Latino experience in the US.

*3 hrs*
*3 cr.*

**AFPRL 18100 - Language and Ethnic Identity**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS

**AFPRL 20500 - African American Politics of Social Change**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS
**Pluralism and Diversity**

**PD/B**
**GER**
**2/B**

The Civil Rights Movement and social change in U.S. Since 1954.

*3 hrs*
*3 cr.*

**AFPRL 26000 - Latinos and US Citizenship**

**Hunter Core**
Individual and Society

**Pluralism and Diversity**

**PD/B**

Study of the relationship of US Latinos to the institution of American citizenship through history and examination of major issues today.

*3 hrs*
*3 cr.*

**ANTHC 10100 - Introduction to Cultural Anthropology**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS

**Pluralism and Diversity**

**PD/A**
**GER**
**2/B**

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

*3 hrs*
ASIAN 23002 - Asian American Communities and Mental Health

**Hunter Core**
Individual and Society (Social Sciences) - I&S SS
**Pluralism and Diversity**
PD/B

Introduction to psychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery.

*3 hrs
3 credits

ECO 10000 - Introduction to Economics

**Hunter Core**
Individual and Society (Social Sciences) - I&S SS
**GER**
2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.

ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

*prereq: Math/Writing Proficient/Non degree students
3 hrs
3 cr.

GEOG 10100 - People and Their Environment

**Hunter Core**
Individual and Society - Social Science
**GER**
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Interact with it. Contemporary economic, political and social patterns and problems are discussed.

*3 hrs
3 cr.
offered fall and spring.*
MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

MHC 15000 - MHC Seminar 2: Peopling of New York (W)

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Fulfills GER 2B, Social Science: People and Their Societies.
prereq: Open only to Macaulay Honors College students.
3 hours
3 credits

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester

PHILO 25500 - Environmental Philosophy (W)

Hunter Core
Individual and Society (Social Sciences) I&S SS
Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.

prereq: ENGL 12000
3 hrs
3 cr.

POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing
understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

*prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.*

**SOC 10100 - Introduction to Sociology**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr.

**URBS 10100 - Urban Life: Personal and Observational View (W)**

**Hunter Core**
Individual & Society - Social Science I&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
3 cr.

**URBS 10200 - Structure of Urban Region (W)**

**Hunter Core**
Individual and Society Social Science (I&S SS)
GER
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy.
*prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.
3 hrs
3 cr.*

**WGS 10000 - Introduction to Gender and Sexuality Studies**

**Hunter Core**
Individual and Society - Social Sciences (I&S SS)
Pluralism and Diversity
PD/C
The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.

3 hrs
3 cr.

**WGSP 29000 - Special Topics in Gender and Public Policy**

**Hunter Core**
Individual and Society Social Science (I&S SS)

**Pluralism and Diversity**

PD/C

This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and public policy.

*prereq: ENGL 12000*

3 hrs
3 cr.

**WGS 12100 - Public Speaking in Gender Studies**

**Hunter Core**
Individual & Society Social Science (I&S SS)

**Pluralism and Diversity**
P&D C

This course is designed to cultivate and improve students' public speaking skills, for use in the classroom and in broader public spheres. To do so, we will engage with materials in critical identity studies (primarily on class, race, gender, and sexuality), which generate complex debates and afford fruitful opportunities to refine oratory skills.

3 hrs
3 cr.

**WGSA 29000 - Special Topics in Gender, Literature and the Arts**

**Hunter Core**
Individual and Society Social Science (I&S SS)

**Pluralism and Diversity**

PD/C

This is a collection of special topics courses in Women and Gender Studies focused on the study of gender, literature, and the arts.

*prereq: ENGL 12000*

3 hrs
3 cr.
WGSC 29000 - Special Topics in Women and Gender Across Cultures

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of women and gender across cultures.

prereq: ENGL 12000
3 hrs
3 cr.

WGSL 29000 - Special Topics in Labor, Migration, and Globalization

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of labor, migration, and globalization.

prereq: ENGL 12000
3 hrs
3 cr.

WGSS 29000 - Special Topics in Sexualities

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
WGSS 29000: This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and sexuality.

prereq: ENGL 12000
3 hrs
3 cr.

WGST 29000 - Special Topics in Feminist Thought and Theory

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of feminist thought and theory.

prereq: ENGL 12000
3 hrs
3 cr.
WGSS 29300 - Bathroom Politics

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
P&D C

In this course, we will study bathrooms in relation to a body of state policies mandating segregated public facilities and spaces, primarily around sex and race. We will examine the anxiety, fear of contamination, and threat of violence in such spaces as it is translated into public policy through regulations including municipal building codes, civil rights legislation, and court cases.

prereq: ENGL 12000
3 hrs
3 cr.

CUNY Common Core Life and Physical Sciences (LPS) 1 Course

Return to General Education - Effective Fall 2019

Life and Physical Sciences (LPS)1 course

ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10200 (STEM) - Human Variation

Hunter Core
Scientific World (SW) STEM; Life and Physical Sciences (LPS)

GER
2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10500 - The Human Species
In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes (‘nature’) and environment (‘nurture’), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution.

3 hrs
3 cr.

ASTRO 10200 - Laboratory Explorations in Astronomy

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.

prereq or coreq: ASTRO 10000
3 hrs
3 cr.

Biology 10000 (STEM) - Principles of Biology I

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

Biology 10200 (STEM) - Principles of Biology II
**BIOL 10500 - Introduction to Genome Biology**

**Hunter Core**
Life and Physical Sciences (LPS)

A genome is the total genetic content of an organism. Driven by breakthroughs such as the decoding of the first human genome and rapid DNA-sequencing technologies, biomedical sciences are undergoing a rapid and profound transformation into a highly data-intensive field, which requires familiarity with concepts in both biology and computer science. Genome information is revolutionizing virtually all aspects of biology and medicine and will lead to major advances such as more efficient production of renewable energy, better cures for cancers, and longer and healthier life expectancy. This course will introduce genome-sequencing technologies, explore hundreds of genome projects online, and discuss both the benefits and challenges (e.g., ethical and legal) of the genomic revolution to society.

3 hrs.

3 cr.

**BIOL 10700 - The Human Barcode: Biology and Genetics of Personal Identification**

**Hunter Core**
LPS

An introductory lecture/laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by scientists to analyze how DNA or skin can uniquely lead to a person's identification, and the biological concepts behind them. For example, through the topics that are covered, students will learn how biological evidence like fingerprints and DNA is collected, analyzed, and presented as evidence to solve crimes. Students will learn important biological concepts such as DNA, development, and characteristics of body tissues.

3 hrs

3 cr.

**BIOL 12500 (STEM) - Human Biology**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and
nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr.

spring only

**BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.

Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.

6 hrs
4.5 cr.

fall only

**CHEM 10000 (STEM) - Essentials of General Chemistry Lecture**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.

prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

4 hrs (3 lec, 1 rec)
3 cr.

**CHEM 10100 - Inquiries into the Nature of Matter**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
GER
A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students. Primarily for nursing, nutrition and food science and public health students.

3 hrs
3 cr.

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500*  
5 hrs (4 lec, 1 rec)  
4 cr.

**CHEM 10300 (STEM) - General Chemistry Laboratory I**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E

Study of experiments designed to illustrate fundamental laws and techniques of chemistry. Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.

*Offered only for special honors.*

*prereq or coreq: CHEM 10200*  
3 hrs  
1.5 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10500 (STEM) - General Chemistry Laboratory II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 11100 (STEM) - Chemical Principles

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq or coreq: MATH 12400 or 12500 or 12550
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

GEOL 10100 - Introductory Geology Lab

Hunter Core
Life & Physical Sciences
GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr.

PGEOG 13000 (STEM) - Weather and Climate
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: $5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

PHYS 10100 - Basic Concepts of Physics with Laboratory Exercises

Hunter Core
Life and Physical Sciences (LPS)
GER
2/E

Introductory one-semester physics lab-based course designed for non-science majors. The course emphasizes the basic concepts of physics, and a qualitative understanding of physics in everyday life.
prereq or coreq: PHYS 10000
3 hrs
3 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

CUNY Common Core Math/Quantitative Reasoning (MQR) 1 Course

Return to General Education - Effective Fall 2019

Math/Quantitative Reasoning 1 Course

CSCI 12100 - Computers and Money: Quantitative Reasoning in Context

Hunter Core
Math and Quantitative Reasoning (MQR)
GER
1/B

Quantitative reasoning tackled from a computer based perspective and focusing on practical financial topics—stocks, gambling, inflation, diversification, taxes, hedging, saving, real estate, retirement and others. Students take a hands-on, spreadsheet-based approach to understanding issues of money and personal finance.

This course cannot be counted towards the CSCI major.

prereq: none
ECO 22100 - Economic Statistics

Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3hr lecture or 2hr lecture/1 hr discussion
3 cr.

MATH 10000 - Basic Structures of Mathematics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have received credit for any math or stat course that satisfies the GER 1/B requirement. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics. This course is a terminal course and does not serve as a prerequisite to any other course in the department
prereq: CUNY Math Proficiency
3 hrs
3 cr.

MATH 10200 - Mathematics and Everyday Life

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Students will learn how to model real world problems with mathematics, and learn techniques for solving them. Topics include personal finance, statistical reasoning, probability, exponential growth, and voting theory.
prereq: CUNY Math Proficiency
3 hours
3 credits

MATH 10400 (STEM) - Mathematics for Elementary Education I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers,
including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.

prereq: grade of C or better in MATH 10100 or MATH 101EN or appropriate score on the placement exam
3 hrs
3 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

MATH 15000 (STEM) - Calculus I
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better; AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

**prereq:** grade of C or better in MATH 15000

4 hrs
4 cr.

**STAT 11300 - Elementary Probability and Statistics**

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

**prereq:** A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam

**prereq or coreq:** ENGL 12000

3 hrs
3 cr.

**STAT 21200 - Discrete Probability**

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**
Math/Quantitative Reasoning

**GER**

1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*

3 hrs
3 cr.

**CUNY Common Core Scientific World (SW) 1 Course**

Return to General Education - Effective Fall 2019

**Scientific World (SW) 1 Course**

**ANTHP 10100 (STEM) - Human Evolution**

**Hunter Core**

Life and Physical Sciences (LPS) Scientific World (SW)

**GER**

2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.

*6 hrs (3 hrs lec, 3 hrs lab)*

4 cr.

*offered every sem.*

**ANTHP 10200 (STEM) - Human Variation**

**Hunter Core**

Scientific World (SW) STEM; Life and Physical Sciences (LPS)

**GER**

2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.

*6 hrs (3 hrs lec, 3 hrs lab)*

4 cr.

*offered every sem.*

**ANTHC 12700 - Methods In Archaeological Science**
**Hunter Core**

**SW**

Introduction to theory and method of scientific research in archaeology.

*prereq: ANTHC 12600 or perm instr.*

3 hrs

3 cr.

**ASTRO 10000 - Basic Concepts in Astronomy**

**Hunter Core**

Scientific World (SW)

**GER**

2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe.

3 hrs.

3 cr.

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**

Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**

PD/C or D

**GER**

2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

spring only

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**

Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**

PD/C or D

**GER**

2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 12500 (STEM) - Human Biology

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr.
spring only

BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.

Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr.
fall only

BIOL 17500 - Choreographing Genomics
Hunter Core
Scientific World (SW)
This course uses postmodern dance to model biological processes. It is an introductory biology course for non-majors studies in the biological science of molecular genome information through readings, quantitative assignments, movement exercises and artistic lenses. Students explore a detailed examination of heredity and cancer with a focus on contributions of DNA. Students are expected to articulate gene information flow through problem solving, written assignments, oral contributions, and movement forms. Topics covered include the definition of a gene, recombination of genes, the central dogma of genetic flow in a biological system, the 1:1 Pair Rule ( Chargaff’s rules), DNA sequencing, functional genomics and the relationships of genes to cancer and heredity, as well as ethical issues in medicine.
Each student is in charge of their own body and must recognize that they will have to use their body for assignments and in class participation work.
Students will be required to talk and move in class (comfortable clothes, flat shoes or bare feet, and a yoga mat are required).
Students will have reflective assignments that include written work.
Students will be required to develop visual and movement-based models.

prereq: MATH 10100 or MATH 101EN
3 hrs
3 cr.
spring only

CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.

prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 10100 - Inquiries into the Nature of Matter

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students.
Primarily for nursing, nutrition and food science and public health students.

3 hrs
3 cr.
CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500 5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better 5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10500 (STEM) - General Chemistry Laboratory II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E

Laboratory experiments illustrating and applying theory of solutions to qualitative analysis. Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400 3 hrs
1.5 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
CHEM 11100 (STEM) - Chemical Principles

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or 12500 or 12550

9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)

5.5

offered fall

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

GER
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.

Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 11100

9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)

5.5

offered spring

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

Course presents essential facts, laws and theories of organic chemistry.

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

prereq: CHEM 10000

4 hrs (3 lec, 1 rec)

3 cr.

CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

CSCI 12000 - Introduction to Computers

Hunter Core
Scientific World (SW)
GER
2/E

Intended for non-majors. Basic concepts of computer technology. Principles of hardware operation, software and networking. Roles of computers in society, including ethical and legal issues.
This course cannot be counted towards the CSCI major
prereq: none
3 hrs
3 cr.

CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
CSCI 13300 - Programming for Everyone

Hunter Core
Scientific World (SW)
GER
2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

GEOL 10000 - Introduction to Geology

Hunter Core
Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

GEOL 10500 - Introduction to Environmental Studies

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.

prereq: ENGL 12000

GEOL 18000 - Introduction to Oceanography

Hunter Core
Scientific World (SW)
GER
An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring

MHC 20000 - MHC Seminar 3: Science and Technology (W)

Hunter Core
Scientific World (SW)
GER
GER 3B

prereq: Macaulay Honors College only. ENGL 12000; MHC 15000 or its equivalent at another CUNY Honors College campus
3 hours
3 credits

NFS 14100 - Nutrition

Hunter Core
Scientific World (SW)
Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr.

PGEOG 13000 (STEM) - Weather and Climate

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: $5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring
PHILO 17000 - Introduction to Logic and Scientific Method

Hunter Core
Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr.

PHILO 27000 - Philosophy, Science and Culture (W)

Hunter Core
Scientific World (SW)
GER
3/B

Issues relating to the impact of modern science on philosophy, religion and culture.
prereq: ENGL 12000
3 hrs
3 cr.

PHYS 10000 - Basic Concepts of Physics

Hunter Core
Scientific World (SW)
GER
2/E

This is an introductory, one-semester physics course designed for non-science majors. It minimizes the use of mathematics, beyond simple addition, multiplication, subtraction and division. The course will meet three hours per week in lecture. The contents are the lecture material of the existing PHYS 101 LC course. Topics include: Newton's laws of motion, linear motion and falling objects, momentum, energy, rotational motion, gravity, atomic structure, liquids, gases, heat, vibrations and waves, sound, electrostatics, electric current, magnetism, electromagnetic induction, light, color, reflection and refraction, an introduction to quantum mechanics, and radioactivity. This course is a co-requisite or pre-requisite of PHYS 10100, which consists of traditional lab experiments and guided problem-solving sessions, that are closely correlated with the lecture material covered in this course.
3 hrs
3 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

SCI 11100 - Brains, Minds, and Machines

Hunter Core
Scientific World (SW)

This course addresses current knowledge about how human brains, human minds, and artificially intelligent machines think. Students will learn about groundbreaking work that will provide insight into people, the apps they rely on, and the robots in their future. Highly recommended for students considering any science major, and for students interested in problem solving.
3 hrs
3 cr.
CUNY Common Core US Experience in Its Diversity (USED) 1 Course

Return to General Education - Effective Fall 2019

US Experience in its Diversity (USED)

ANTHC 10000 - Cultural Diversity in the United States: Historical and Ethnographic Perspectives (W)

Hunter Core
US Experience in its Diversity (USED)
Introduction to the critical and comparative study of cultural diversity in the United States.

prereq: ENGL 12000
3 hrs
3 cr.

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

PHILO 22600 - African-American Philosophy (W)

Hunter Core
US Experience in its Diversity (USED)

Pluralism and Diversity
PD/B
GER
3/A
Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000
3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B
Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.
Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.
prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

CUNY Common Core World Cultures & Global Issues (WCGI) 1 Course

Return to General Education - Effective Fall 2019

World Culture and Global Issues (WCGI) 1 Course

AFPRL 18200 - Culture and Ethnic Identity

Hunter Core
World Culture and Global Issues (WCGI)

AFPRL 20100 - African History from Human Origins to 1600 CE

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.

3 hrs
3 cr.

**AFPRL 20200 - African History Since 1600 CE**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/B

Main currents of African history from 1600 CE to present

3 hrs
3 cr.

**AFPRL 20900 - Introduction to Caribbean History to 1900**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/B

Introduction to the major themes in Caribbean history to 1900.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 21000 - Introduction to Caribbean History: 1900 - Present**

**Hunter Core**
World Culture and Global Issues

**Pluralism and Diversity**
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 22200 - African Civilization**

**Hunter Core**
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to study of African civilization.
3 hrs
3 cr.

AFPRL 24300 - Puerto Rican Culture

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr.

ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

ANTHC 15100 - Introduction to Linguistics

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language
universals.
3 hrs
3 cr.

ARB 15000 - Introduction to Modern Arab Cultures

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D A
This course will explore the diversity of cultures in the modern Arab World. By “culture” we mean the practices of everyday life as well as works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs
3 cr.

ARB 25200 - Literatures from the Islamic World (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

ARB 25300 - Literatures and Cultures of Muslim Spain (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

ARB 25500 - Modern Palestinian Culture

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr.

ARB 25600 - Modern Arab Theatre
**ARB 25700 - Language and Culture in Contemporary North Africa**

Pluralism and Diversity  
P/D A  
GER  
World Cultures and Global Issues (WCGI)

North Africa (Maghreb) is often described as a crossroads of many cultures - Arab, Berber, African, European, and others. Over the course of this semester, we will discuss important issues facing this region, including democratic reform efforts both before and following the Arab spring, Berber language movements and other language debates, colonial and post-colonial struggles, and social and cultural debates surrounding gender and religion. Through readings of key literary, historical, political, and cultural texts, as well as viewing important documentary and fictional film productions, we will examine this fascinating region from multiple vantage points.

prereq: ENGL 12000  
3 hrs  
3 cr.

**CHIN 11100 - Chinese Culture I**

Hunter Core  
World Culture and Global Issues (WCGI)  
Pluralism and Diversity  
PD/A  
GER  
2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.  
3 hrs  
3 cr.

**CHIN 11200 - Chinese Culture II**

Hunter Core  
World Culture and Global Issues (WCGI)  
Pluralism and Diversity  
GER 2/C PD/A

Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.  
3 hrs  
3 cr.

**CLA 10100 - Classical Mythology**
Hunter Core  
World Culture and Global Issues (WCGI)  
Pluralism and Diversity  
PD/D  
GER  
2/C  

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.  
3 hrs  
3 cr.  

CLA 11000 - The Greek and Latin Roots of English  

Hunter Core  
World Culture and Global Issues (WCGI)  
GER  
2/C  

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.  
3 hrs  
3 cr.  

CLA 20100 - Greek Civilization (W)  

Hunter Core  
World Culture and Global Issues (WCGI)  
Pluralism and Diversity  
PD/D  
GER  
2/C  

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.  
prereq: ENGL 12000  
3 hrs  
3 cr.  

CLA 20300 - Roman Civilization (W)  

Hunter Core  
World Culture and Global Issues (WCGI)  
Pluralism and Diversity  
PD/D  
GER  
2/C  

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.  
prereq: ENGL 12000  
3 hrs  
3 cr.
CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr.

FREN 24100 - Early French Civilization: From Gothic to Revolution

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
3 hrs
3 cr.

FREN 24200 - Modern French Civilization: From Revolution to Present

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.
3 hrs
3 cr.

GEOG 15000 - World Regions in Global Context

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A or D
GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-
Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

HEBR 22100 - Modern Israeli Culture

Hunter Core
World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

HEBR 22200 - Introduction to Jewish Texts and Writings

Hunter Core
World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120
3 hours
3 credits

HEBR 24000 - Introduction to the Old Testament

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.

HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the
democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 12100 - Early Modern Europe 1500 to 1815

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 12200 - 19th and 20th Century Europe (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction.
Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000

3 hrs
3 cr.

HIST 20800 - History of the Jews

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

prereq or coreq: ENGL 12000

3 hours
3 credits

HIST 27700 - East Asia to 1600 (W)
Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 27800 - East Asia, 1600 to the Present (W)**

Reading from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.

*prereq: ENGL 12000*

3 hrs
3 cr.

**PHILO 21900 - Chinese Philosophy (W)**

3/A

**POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)**

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.
**POLSC 11500 - Introduction to International Relations (W)**

**Hunter Core**  
World Cultures and Global Issues (WCGI)  
**GER**  
2/B

Diplomacy, power, war, peace, terrorism, nationalism, imperialism, the UN, structures and processes of world politics.

**prereq or coreq:** ENGL 12000  
3 hrs  
3 cr.

**POLSC 25000 - Comparing Countries (W)**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**Pluralism and Diversity**  
**PD/A**  
**GER**  
2/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include: Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.

**prereq:** ENGL 12000 or equivalent  
3 hrs  
3 cr.

**POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**GER**  
3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)

**prereq:** ENGL 12000 or its equivalent
Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.

prereq: ENGL 12000
3 hrs
3 cr.

REL 25100 - Asian Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.

prereq: ENGL 12000
3 hrs
3 cr.

REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

prereq: ENGL 12000
3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
*prereq: ENGL 12000
3 hrs
3 cr.

REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
*prereq: ENGL 12000
3 hrs
3 cr.

REL 25600 - Afro-Caribbean Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.
*prereq: ENGL 12000
3 hrs
3 cr.

REL 25700 - Religions of Ancient Central and South America (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization.
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25800 - Religions of Ancient Europe (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**

P/D D
GER
2/C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples—the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe—as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

**prereq:** ENGL 12000
3 hrs
3 cr.

**RUSS 15700 - The Age of the Great Masters**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/D
GER
2/C

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.

**prereq:** ENGL 12000
3 hrs
3 cr.

**RUSS 25500 - Russian Folklore, in Translation (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/D
GER
2/C

Common Slavic myths and traditions.

**prereq:** ENGL 12000
3 hrs
3 cr.
RUSS 29300 - Folklore in Translation: A Comparative Study

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A
Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in juxtaposition to Russian folklore.
prereq: ENGL 120
3 hrs
3 cr.

RUSS 29400 - Folklore and Literature (W)

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/D
**GER**
3/A

Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.
prereq: ENGL 12000
3 hrs
3 cr.

SPAN 24100 - Civilization of Spain, in English

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
GER 2/C PD/D

An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects.
prereq: ENGL 12000
3 hrs
3 cr.

**Hunter Core Requirement**

**Introduction**

(Effective Fall 2013, if you are a current Hunter student who started before fall 2013, see www.hunter.cuny.edu/academics/hunter-core-requirement for information concerning whether to "opt in" to the Hunter Core or continue with Hunter's General Education Requirements - Fall 2001 to Spring 2013 - GER)

All students who matriculate at Hunter College must fulfill the Hunter Core Requirement (Hunter Core, HCR). This is a set of courses Hunter College considers essential to the intellectual development of its undergraduates. The Hunter
Core requirements and expectations are meant to support the professional and personal development of Hunter students, prepare them for advanced study, and enable them to become active participants in the world of ideas.

The Hunter Core provides students with opportunities to sharpen their essential academic skills in writing, mathematics, scientific reasoning, and critical thinking. The Hunter Core also introduces students to a spectrum of distinctive perspectives with which various academic disciplines view our world, its past, and its future.

The Hunter Core is distinguished by its emphasis on foreign language study and its encouragement of concentrated student achievement in a subject outside the student's first major. Hunter encourages all students to take an active role in planning their education, and to pursue and develop subjects of interest beyond what is required for their major.

**Hunter Core**

The Hunter Core includes:

1. The CUNY Common Core, comprising 30 credits;
2. The Hunter Focus comprising 12 credits.

CUNY Common Core Requirement consists of designated courses in:

A. English Composition (6 credits=2 courses)* EC
   1. English Composition 1 - ENGL 12000 (3 credits)
   2. English Composition 2 - (3 credits)
   CUNY Common Core English Composition (EC) 2 courses

B. Math and Quantitative Reasoning  MQR (3 credits) **
   CUNY Common Core Math/Quantitative Reasoning (MQR) 1 Course

C. Life and Physical Sciences (3 credits) LPS **
   CUNY Common Core Life and Physical Sciences (LPS) 1 Course

D. Scientific World SW (3 credits) **
   CUNY Common Core Scientific World (SW) 1 Course

E. Creative Expression (3 credits)
   CUNY Common Core Creative Expression (CE) 1 Course

F. U.S. Experience in its Diversity (3 credits)
   CUNY Common Core US Experience in Its Diversity (USED) 1 Course

G. World Cultures and Global Issues (3 credits)
   CUNY Common Core World Cultures & Global Issues (WCGI) 1 Course

H. Individual & Society (6 credits - one course from each)
   CUNY Common Core Individual and Society (Humanities) I&S H 1 Course
   CUNY Common Core Individual and Society (Social Sciences) I&S SS 1 Course

Note: Students may take no more than two courses from one department or program to fulfill categories a.2 (English Composition 2) through h. See CUNY Common Core by Department

*Students who receive an "exemption" for ENGL 12000 or for a course in English Comp 2 are deemed to have fulfilled English Composition 1 or 2, respectively.

**There are some courses in these categories that carry more than 3 credits (the "STEM variant" courses). Students who elect to take these courses may apply only three credits towards fulfilling the CUNY Common Core
Requirement. — These courses, labeled STEM, may be found in three areas of the Common Core: 00000000000000, CUNY Common Core Math/Quantitative Reasoning (MQR) 1 Course, and CUNY Common Core Scientific World (SW) 1 Course. A particular STEM variant course may appear in more than one area of the Common Core. When this occurs, students may choose which area of the Common Core they want the course to fulfill. STEM variant courses may be more than three credits. In such cases, three credits will apply to fulfilling the Common Core; all of the course’s credits will apply to the major.

The Hunter Focus

Beyond the CUNY Common Core, Hunter requires students to complete 12 credits for the Hunter Focus. These credits are part of the CUNY College Option – an additional set of requirements in the baccalaureate programs that encourage students to delve more deeply in the specialties of the colleges. The Hunter focus emphasizes foreign language and concentrated study – two areas of study that highlight Hunter's current and historic focus on the liberal arts.

Hunter students are expected to attain fourth-semester proficiency in a foreign language, regardless of where the learning took place. After this goal has been met, students should begin concentrated study in an area outside of their first major. The composition of the Hunter Focus will vary depending on students’ language proficiency at the time of matriculation. Students who have to take a beginning language course must apply all their language credits to the Hunter Focus. Students in the Hunter College School of Nursing may fulfill their entire 12 credits of Hunter Focus by taking three “STEM variant” science courses in addition to the STEM courses used to fulfill the CUNY Common Core.

Hunter Focus in Foreign Language. The goal of the foreign language competency requirement is to help students attain cross-cultural knowledge and communicate in a language other than English. In studying foreign languages, their literatures and cultures, students acquire new perspectives on how people think, view the world, express themselves, and communicate with one another. Language study sensitizes students to the differences between their own culture and that of others, an important factor in an interconnected and interdependent world. Language Proficiency Requirement

Students are required to complete up to 12 credits in a foreign language depending upon the student's language knowledge at the time of matriculation and a student's matriculation status. (See Considerations for Transfer Students below.) Students may apply only one course at each level (Elementary levels 1 and 2, Intermediate levels 3 and 4) toward the CUNY College Option. Intensive courses can be used to satisfy two levels.

It is strongly recommended that students complete their foreign language study as early as possible so they can benefit from it in their college career. Foreign Language courses should be taken in consecutive semesters because gaps in language study are undesirable.

Hunter Focus: Concentrated Study. This requirement encourages students to begin concentrated study outside of their major. Students who have gained fourth semester language proficiency should make progress toward a minor, second major, or certificate (they will not complete such a program within Concentrated Study, but take first steps towards it). The number of credit hours that must be completed in the Concentrated Study requirement depends on a student's entry status and achievements prior to entering Hunter and ranges from 0 to 12. (See Considerations for Transfer Students below.) It is necessary for a student to indicate a minor, second major or certificate program. Credit for Concentrated Study is granted only for courses completed within that same declared course of study.

CONCURRENT COURSE REQUIREMENTS

Hunter College requires students to take some courses that are writing intensive and some that deal with issues of Pluralism and Diversity. These courses can be part of the Hunter Core Requirement (HCR) or any major or minor requirements, or electives.

List of Approved Courses for the Writing Requirement

Courses for Pluralism and Diversity. This group of courses addresses topics that help students broaden their horizons
and gain new perspectives. The Pluralism and Diversity courses are grouped into four categories (A, B, C and D) that focus on scholarship about major practical or theoretical issues that emerge from, are reflected in, or are principally derived from the historical conditions, perspectives, and/or intellectual traditions of:

A. Non-European societies, particularly those of Africa, Asia, Latin America, or those indigenous to the Americas

B. One or more of the following groups in the US: African Americans, Asian Americans, Latino Americans, and Native Americans,

C. Women and/or issues of gender or sexual orientation,

D. Europe, including ways in which pluralism and diversity have been addressed.

List of Approved Courses for the Pluralism and Diversity Requirement

CONSIDERATIONS FOR TRANSFER STUDENTS

2nd Degree Students. Students who have earned a baccalaureate degree from an accredited institution are exempt from the Hunter Core Requirement and all concurrent requirements.

CUNY Common Core. All CUNY transfer students retain completion of the CUNY Common Core requirements when transferring to Hunter College. Transfer students who have earned an AA/AS degree from an accredited institution and who matriculate in fall 2013 and after will have fulfilled the CUNY Common Core requirements by obtaining the AA/AS degree.

Hunter Focus

All transfer students, including CUNY transfers, must complete the Hunter Focus. The number of credits required to complete the Hunter Focus varies with the number of credits transferred as indicated below:

- 12 credits of Hunter Focus for fewer than 30 credits transferred
- 9 credits of Hunter Focus for 30 or more credits transferred without an AA/AS degree*
- 6 credits of Hunter Focus for students with an AA/AS degree

*A transfer student who first matriculates in a baccalaureate program must complete 12 credits of Hunter Focus. The student can apply any "College Option" credits completed at a CUNY senior college toward the Hunter Focus.

Foreign Language. Hunter encourages all students to reach fourth-semester proficiency in a foreign language. Transfer students who have not attained fourth-semester proficiency in a foreign language at the time of transfer must apply the foreign language requirement towards the Hunter Focus. Students must either continue a language they have studied previously or begin the study of a different language at Hunter for the number of credits required by their transfer status.

Concentrated Study. Hunter encourages all students to delve deeply into another area in addition to their major by completing a minor, a second major, or a certificate program. Transfer students who have fulfilled the foreign language requirement should apply Hunter Focus courses towards a minor, second major or certificate program.

Writing Intensive. All students must take at least one course with a "W" designation from Hunter College. The number of "W" designated courses required are:

- 3 for students who transfer fewer than 31 credits
- 2 for students who transfer between 31-59 credits
- 1 for students who transfer 60 or more credits

Pluralism and Diversity. Transfer students must take courses in Pluralism and Diversity according to the schedule below:

- 4 courses for students who transfer fewer than 31 credits – one from each Group (A, B, C, and D).
2 courses for students who transfer 31 or more credits. These two courses must come from Groups A, B, or C and the two courses cannot come from the same Group.

List of Approved Courses for the Writing Requirement

Writing Requirement

Students matriculating with fewer than 31 credits must take three courses in significant writing W-designated courses at Hunter College. Transfer students matriculating with 31 to 59 credits must take at least two W-designated courses at Hunter College. Transfer students matriculating with 60 to 90 credits must take at least one W-designated course at Hunter College. (ENGL 120 does not count as W-designated course.)

Note: Specific sections of courses containing significant writing are listed with a W designation in the Schedule of Classes. Please note that not all sections of a course are necessarily offered with significant writing. To satisfy the Writing Requirement a section designated as W in the Schedule of Classes must be taken.

Africana and Puerto Rican/Latino Studies

AFPRL 23500 - African Literature (W)

Pluralism and Diversity
PD/A
GER
2/A

Introduction to contemporary African literature originally written in English. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 23600 - African American Literature (W)

Pluralism and Diversity
PD/B
GER
2/A

Introduction to African American writing, from earliest expressions to present.
prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 23700 - African Caribbean Literature (W)

Pluralism and Diversity
PD/A or B
GER
2/A
Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.

**AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)**

**Hunter Core**
English Composition (EC)
**Pluralism and Diversity**
PD/A or B
GER
2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.

*prereq: ENGL 12000*
3 hrs
3 cr

**AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)**

**Pluralism and Diversity**
PD/B
GER
3/B

Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century.

*prereq: AFPRL 20300 or 20400 or 20500*
3 hrs
3 cr.

**AFPRL 30600 - Modern African International Relations (W)**

**Pluralism and Diversity**
PD/A
GER
3/B

Factors affecting relations among African states and between African and non-African states within international system.

*prereq: AFPRL 20600 or perm instr.*
3 hrs
3 cr.

**AFPRL 30700 - Contemporary African Politics (W)**

GER
3/B
Study of post-independence nationalism, political systems, regional and inter-nation cooperation of African nations.

*prereq: AFPRL 20600 or perm instr.*

3 hrs
3 cr.

**AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)**

**GER**

3/B

Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.

*prereq: AFPRL 20700 or 21000 or perm instr.*

3 hrs
3 cr.

**AFPRL 30900 - African-Americans and Africa (W)**

**Pluralism and Diversity**

**PD/A or B**

**GER**

3/B

Major evidence of Black American involvement and interest in Africa from 1775 to present.

*prereq: AFPRL 20300 or 20400*  

3 hrs  
3 cr.

**AFPRL 31000 - Modern Nigeria (W)**

**GER**

3/B

Detailed study of the historical development of modern Nigeria from the late 19th century to the present.

*prereq: perm instr.*

3 hrs
3 cr.

**AFPRL 31300 - Slavery (W)**

**Pluralism and Diversity**

**PD/A or B**

**GER**

3/B

Historical overview of slavery from Africa to the Americas.

*prereq: AFPRL 20300 or 20900 or perm instr.*

3 hrs
3 cr.

**AFPRL 31400 - Blacks in Labor and Politics (W)**
GER
3/B

Black labor from emancipation to present. Emphasis on period between New Deal and present.

*prereq: AFPRL 20400 or 20500 or perm instr.*

3 hrs
3 cr.

**AFPRL 31800 - Women in Africa (W)**

Pluralism and Diversity
PD/C

**GER**
3/B

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.

*cross-listed* WGSC 31800 (A Writing-intensive Course)

*prereq: AFPRL 20200 or 22200 or perm instr.*

3 hrs
3 cr.

**AFPRL 31900 - Women in the African Diaspora (W)**

Pluralism and Diversity
PD/B or C

**GER**
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.

*cross-listed* WGSC 32900 (W)

*prereq: AFPRL 20400 or 20900 or 21000 or perm instr.*

3 hrs
3 cr.

**AFPRL 32000 - African-Caribbean Culture (W)**

Pluralism and Diversity
PD/A or B

**GER**
3/A


*prereq: AFPRL 20900 or 21000 or 22200*

3 hrs
3 cr.

**AFPRL 32100 - Caribbean Migration and New York City (W)**
Pluralism and Diversity
PD/A or B
GER
3/B

An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.

prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3 cr

**AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)**

Pluralism and Diversity
PD/A
GER
3/A

Examination of African religious systems, metaphysical conceptions and philosophy.

prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr.
offered every other sem.

**AFPRL 32300 - Islam and Christianity in Africa (W)**

GER
3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.

prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr.

**AFPRL 32400 - African-American Ethnohistory (W)**

Ethnohistorical survey of development of Black culture in the diaspora; reinterpretation of African forms in Western European environment.

prereq: AFPRL 22000 or perm instr.
3 hrs
3 cr.

**AFPRL 33000 - Autobiography as a Theme in Black Literature (W)**

GER
3/A

Treatment of autobiographical works of Black authors in U.S., Caribbean and Africa during 19th and 20th centuries.

prereq: AFPRL 23600 or perm instr
3 hrs
3 cr.
AFPRL 33600 - African-American Women Writers (W)

Pluralism and Diversity
PD/C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction and children's books.
cross-listed WGS 33600 (W)
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr.

AFPRL 33700 - Caribbean Women Writers (W)

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed WGSA 33700 (W)
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr.

AFPRL 34200 - Political Nationalism in Puerto Rico (W)

Pluralism and Diversity
PD/A
GER
3/B

Nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy.
prereq: AFPRL 24200 or perm instr.
3 hrs
3 cr.

AFPRL 35100 - Major Puerto Rican Figures (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Theorists, poets and statesmen in formation of Puerto Rican nationality.
prereq: AFPRL 14300 or 24200 or 24300
3 hrs
3 cr.

AFPRL 35200 - Power Structure in Puerto Rico (W)
GER
3/B

Social analysis of class divisions, role of the economy and the United States presence in Puerto Rico.

prereq: AFPRL 24300 or 27000
3 hrs
3 cr.

AFPRL 35500 - The African Image in 19th and 20th century Spanish Antillean Poetry (W)

Pluralism and Diversity
PD/A
GER
3/A

The portrayal of the African image in Spanish Antillean poetry seen through the work and poetic trends of its major exponents.

prereq: AFPRL 14300 or SPAN 20800, reading knowledge of Spanish
3 hrs
3 cr.

AFPRL 35600 - Latino Literature in English (W)

Pluralism and Diversity
PD/B
GER
3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).

3 hrs
3 cr.

AFPRL 36000 - Politics in Puerto Rico (W)

GER
3/B

Analysis of the political status issue, development of political parties, national leadership and participation.

prereq: AFPRL 24200 or 34200 or perm instr.
3 hrs
3 cr.

AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)

Pluralism and Diversity
PD/A or B
GER
3/A

Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures.
Religious syncretisms, popular imagery and ritual practices.

**prereq:** AFPRL 14100 or 24300
3 hrs
3 cr.

**AFPRL 37000 - Sociolinguistic Fieldwork in Black and Puerto Rican/Latino Speech Communities (W)**

**GER**
3/B

Sociolinguistic theory applied to linguistic varieties spoken in African American, African Caribbean, Puerto Rican and other Latino communities.

**prereq:** AFPRL 18100 or ANTHC 15100
3 hrs
3 cr.

**AFPRL 38400 - Poverty in Society (W)**

**GER**
3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.

**prereq:** successful completion of any 2 AFPRL courses
3 hrs
3 cr.

**AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)**

**Pluralism and Diversity**
PD/B
**GER**
3/B

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States.

**prereq:** either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr.

**AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)**

**GER**
3/A or B

Topics change according to instructor.
Open to Jr/Sr only.
3 hrs
3 cr.

Anthropology
ANTHC 10000 - Cultural Diversity in the United States: Historical and Ethnographic Perspectives (W)

**Hunter Core**
US Experience in its Diversity (USED)
Introduction to the critical and comparative study of cultural diversity in the United States.

*prereq: ENGL 12000*

3 hrs

3 cr.

ANTHC 21500 - The Anthropology of Black America (W)

**Pluralism and Diversity**
PD/B
GER
3/B

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.

*prereq: ENGL 12000*

3 hrs

3 cr.

ANTHC 27500 - Reading Ethnographies (W)

GER
3/B

Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.

*prereq: ANTHC 10100 or perm instr.*

*prereq or coreq: ENGL 12000*

3 hrs

3 cr.

Art

ARTH 30000 - Research Methods of Art History Seminar (W)

GER
3/A

Training in fundamental methods of learning and writing about work of art through visual analysis and arthistorical research, focusing on a particular area in art history, and culminating in a substantial academic research paper. This course is for Art History majors and minors and Studio Art majors only.

*prereq: ARTH 11100 and one 200-level art history course. Open only to Art History majors and minors and Studio Art majors.*

3 hrs

3 cr.
ARTH 31100 - Special Topics Lecture in Ancient Art (W)

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

**prereq:** ARTH 11100, and two 200-level art history courses

3 hrs
3 cr.

ARTH 32100 - Special Topics Lecture in Medieval Art (W)

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

**prereq:** ARTH 11100 and two 200-level art history courses

3 hrs
3 cr.

ARTH 33100 - Special Topics Lecture in Renaissance Art (W)

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

**prereq:** ARTH 11100 and two 200-level art history courses

3 hrs
3 cr.

ARTH 34100 - Special Topics Lecture in Baroque Art (W)

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

**prereq:** ART 11100 and two 200-level art history courses
3 hrs
3 cr.

**ARTH 35100 - Special Topics Lecture in Modern Art (W)**

**GER**
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

*prereq: ART 11100 and two 200-level art history courses*

3 hrs
3 cr.

**ARTH 36100 - Special Topics Lecture in Islamic Art (W)**

**Pluralism and Diversity**
P/D A

**GER**
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

*prereq: ART 11100 and two 200-level art history courses*

3 hrs
3 cr.

**ARTH 37100 - Special Topics Lecture in Asian Art (W)**

**Pluralism and Diversity**
P/D A

**GER**
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

*prereq: ART 11100 and two 200-level art history courses*

3 hrs
3 cr.

**ARTH 38100 - Special Topics Lecture in Art History (W)**

**GER**
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

*prereq: ARTH 11100 and two 200-level courses*
Asian American Studies

ASIAN 22100 - Introduction to Writing About Asian American Literature (W)

Hunter Core
English Composition (EC)
This course emphasizes close reading of and analytical writing about writing by Asian American writers. ASIAN 221 develops students' critical and interpretive skills necessary for meaningful written and verbal responses to literature in the context of Asian American history and experience.

prereq: ENGL 12000
3 hrs
3 cr.

ASIAN 22500 - Asian American Art (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
P&D B
Introduction to Asian American artistic production through a survey of Asian American art and theory, including critical examinations of Asian American identity formation; transnationalism; constructions of race, gender, sexuality, class; and alternative artistic strategies.

prereq: ENGL 12000
3 hrs
3 cr.

Biological Sciences

BIOL 25000 - Current Topics in the Biosciences (W)

GER
3/B

Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political and ethical issues associated with each topic. This course will also examine how government agencies (eg. FDA, USDA, EPA) use science to form public policy.

prereq or coreq: ENGL 12000 or equiv, and 2 sems intro lab science or equiv, or perm instr
3 hrs
3 cr.
fall only

Chemistry
CHEM 37800 - Biochemistry Laboratory (W)

GER
3/B

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.

*prereq: ENGL 12000, CHEM 22500 with grade of C or better
*prereq or coreq: CHEM 37700 or CHEM 64100
5 hrs (4 lab, 1 rec)
3 cr.

Classical and Oriental Studies

Arabic Division

ARB 25000 - The Arab Novel (in translation) (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

*prereq: ENG 22000 or equiv.
3 hrs
3 cr.

ARB 25200 - Literatures from the Islamic World (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

*prereq: ENGL 12000 or equivalent
3 hrs
3 credits

ARB 25300 - Literatures and Cultures of Muslim Spain (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.

*prereq: ENGL 12000 or equivalent*

3 hrs

3 credits

**ARB 25400 - The Arabian Nights East and West (W)**

**Hunter Core**
Creative Expression (CE)

**Pluralism and Diversity**
PD/A
GER
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.

*prereq or coreq: ENGL 12000 or equivalent*

3 hours

3 credits

**Chinese Division**

**CHIN 25100 - Topics in Chinese Literature in English Translation (W)**

**Hunter Core**
Individual and Society (Humanities) -I&S H

**Pluralism and Diversity**
GER 2/C

Including 20th-century literature, contemporary literature.

*prereq: ENGL 12000*

3 hrs

3 cr.

**CHIN 35500 - Classical Chinese Fiction in English Translation (W)**

**Pluralism and Diversity**
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.

*prereq: ENGL 12000*

3 hrs

3 cr.

**CHIN 35700 - Chinese Poetry in English Translation (W)**
Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr.

Classics Division

CLA 20100 - Greek Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
prereq: ENGL 12000
3 hrs
3 cr.

CLARC 20200 - Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000; CLA 20100 or CLARC 20400
3 hrs
3 cr.

CLA 20300 - Roman Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.
prereq: ENGL 12000
3 hrs
3 cr.
CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr.

CLARC 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.
prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLARC 20400
3 hrs
3 cr.

CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity
PD/D
GER
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLARC 20300 -or- CLARC 20400
3 hrs
3 cr.
fall only
CLARC 32100 - Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32500 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32600 - Hellenistic Archaeology (W)

The Mediterranean world from Alexander the Great through the rise of Rome; trends in architecture, sculpture, painting, mosaics and city planning, reflecting the period's history and philosophies (ca. 350 – 31 BCE). Focuses on the sites of Alexandria, Pergamon, Delos, Athens, Rome.

prereq: ENGL 12000 and CLARC 20400
3 hrs
3 cr.

CLARC 32800 - Theory and Methods in Classical Archaeology (W)

Archaeology as a comprehensive discipline of historical inquiry through analysis of material culture, as studied in the Mediterranean basin and the Ancient Near East. This course includes fieldwork strategies, survey, stratigraphic excavation, ceramic and numismatic analysis, artifact and data processing and documentation, management and protection of cultural heritage.

prereq: ENGL 12000 and CLARC 20400
3 hrs
3 cr.

CLA 25000 - Greek and Roman Tragedy (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.
pre: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25100 - Ancient Comedy (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.
pre: ENGL 12000
3 hrs
3 cr.

CLA 25300 - Homer and Vergil (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.
pre: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25400 - The Ancient Novel in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.
pre: ENGL 22000 or perm instr.
3 hrs
3 cr.

CLA 30200 - Comparative Backgrounds of Classical Mythology (W)
Pluralism and Diversity
PD/D
GER
3/A

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr.

CLA 30300 - Religion of Ancient Greece (W)

Pluralism and Diversity
GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.
prereq: ENGL 12000, CLA 10100 or 20100
3 hrs
3 cr.

CLA 30400 - Pagans and Christians (W)

Pluralism and Diversity
GER 3/A
Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLA 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
GER 3/A
Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.
cross-listed WGSC 30500 (W)
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLA 30800 - Magic and Science in the Ancient World (W)

GER
3/A
The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
CLA 31000 - Ancient Sports and Spectacles (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.

prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLARC 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

Hebrew Division

HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr.

**HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)**

GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

**HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)**

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr

**HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)**

GER
3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

**Japanese Division**

**JPN 26100 - Special Topics in Japanese Culture**

Pluralism and Diversity
PD/A
GER
2/C

Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the economic, political, and social conditions that shaped them.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

Russian Division

**RUSS 25000 - 19th Century Russian Literature in English Translation (W)**

_Hunter Core_
Individual and Society (I&S) Social Sciences
_Pluralism and Diversity_
PD/D
GER
2/C

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
_prereq: ENGL 12000_
3 hrs
3 cr.

**RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)**

_Hunter Core_
Individual and Society Humanities (I&S) H
_Pluralism and Diversity_
PD/D
GER
3/A

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
_prereq: ENGL 12000_
3 hrs
3 cr.

**RUSS 25200 - Modern Russian Literature in English Translation (W)**

_Hunter Core_
Individual and Society (I&S) Social Science
_Pluralism and Diversity_
PD/D
GER
2/C

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
_prereq: ENGL 12000_
3 hrs
3 cr.

**RUSS 25300 - Russian Theater in English Translation (W)**
Development of Russian drama and theater from early 19th century to present. Gribouedov, Chekhov, Pushkin, Gogol and others.

**prereq:** ENGL 12000

3 hrs

3 cr.

**RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)**

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.

**prereq:** ENGL 12000

3 hrs

3 cr.

**RUSS 25500 - Russian Folklore, in Translation (W)**

Common Slavic myths and traditions.

**prereq:** ENGL 12000

3 hrs

3 cr.

**RUSS 26000 - Russian Women Writers in English Translation (W)**

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M.

cross-listed WGSA 26000 (W)

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 27000 - Russian Cinema and Society (W)

Hunter Core
Individual and Society (Social Science) - I&S SS

GER
2/C

Exploration of how Russian cinema affects the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
3 cr.

RUSS 29400 - Folklore and Literature (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D

GER
3/A

Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 29600 - Vladimir Nabokov Between Two Cultures

Hunter Core
Creative Expression (CE)

GER
3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn’ (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.

prereq: ENGL 22000 or perm dept.
3 hrs
3 cr.

RUSS 29700 - The Russian Urban Novel in English Translation (W)
Hunter Core
Individual and Society - Humanities (I&S H)
GER
3/A

The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr.

RUSS 27100 - East European Cinema (W)

Pluralism and Diversity
PD/ D
The ways in which East European filmmakers have used the medium of cinema to explore history, culture, politics, and social issues prevalent in their respective societies, starting with the immediate post-World War II period and covering both the Communist era and post-Communist period. By the end of the course students will have acquired critical tools to provide an informed verbal and written analysis of the films and discuss how various aesthetic and ideological approaches to filmmaking inform the cinema practice over time. The course will combine screening of East European films and class discussion of issues raised in these films. All students are expected to complete the assigned readings of chapters in history books and other material prior to each class and print out questionnaires for class discussions posted on the course blackboard after the film screenings. Informed class participation is strongly encouraged and will positively affect your final term grade.
prereq: ENGL 12000. The exams in this course consist of essay writing.
3 hrs.
3 cr.

RUSS 29500 - The Vampire in Lore and Literature (W)

Hunter Core
Creative Expression (CE)
GER
2/C

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the 21st century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwicke's Twilight.
prereq: ENGL 22000
3 hrs
3 cr.

Community Health

PH 30300 - Social Structure and Health (W)

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.
prereq: acceptance to the PH major, or permission of the instructor
3 hrs
3 cr.

Education

EDUC 25000 - Introduction to Urban Education: Topics and Issues around Diversity and Equity (W)

Pluralism and Diversity
PD/B
An introduction to urban education, specifically focusing on both current pedagogical approaches and the various historical, socioeconomic, sociocultural, and political factors that influence schools, with an eye to equity and justice as means to closing the achievement gap for marginalized populations of students.
This course is open to all Hunter students, and does not require admission to a School of Education program.
prereq: ENGL 12000
3 hrs
3 cr.

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr.

English

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)  
GER  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

ENGL 25500 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A  
GER  
3/A
Each course examines literature written in the English language by writers in non-European traditions. May be repeated once for credit with a different topic.

**ENGL 25600 - Topics in Literature by Non-European Americans (W)**

Pluralism and Diversity  
PD/B  
GER  
3/A  

Each course is an examination of one or more of the following groups: African Americans, Asian Americans, Latino Americans, Native Americans and Caribbean Americans. May be repeated once for credit with a different topic.

**ENGL 25800 - Topics in Literature by Women (W)**

Pluralism and Diversity  
PD/C  
GER  
3/A  

Selected works by women written in English will be studied with emphasis on the diversity of women's lives and the effect of gender on experience. May be repeated once for credit with a different topic.  

cross-listed WGS 25800 (W)

**ENGL 30200 - Introduction to Literary Analysis (W)**

GER  
3/A  

Study of selected authors, works, genres, or time periods emphasizing various modes of critical analysis and methods of research.

**ENGL 30600 - Introduction to Literary Theory (W)**

GER  
3/A  

An introduction to major theories of literature, with an emphasis on contemporary trends.
ENGL 31700 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.

cross-listed WGS 31900

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A
Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 32500 - Post-Colonial Literature in English (W)**

**Pluralism and Diversity**  
P&D A  
GER  
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 32700 - Topics in Caribbean Literature (W)**

**Pluralism and Diversity**  
PD/A  
GER  
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 32900 - Topics in Cross-Cultural Literature in English (W)**

**GER**  
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 33200 - History of the English Language (W)**

The diversity and spread of English across the globe. The effects of language contact on English.

**prereq:** ENGL 22000  
3 hrs  
3 cr.

[not all sections]
ENGL 35500 - Topics in Shakespeare (W)

GER
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37300 - Victorian Literature (W)

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include. Authors may include Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, Newman, Dickens, the Brontes, George Eliot, and Thackery.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39000 - Topics in 20th Century Literature (W)

GER
3/A

Selected works from the 20th century originally written in English will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

**ENGL 33000 - Sociolinguistics**

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

**ENGL 34800 - English Across the World**

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.

Film and Media Studies

**FILPL 27600 - Screen Writing I - The Short (W)**

The Short Fundamentals of writing for film; critiques of original student scripts.

**FILPL 37700 - Screen Writing II The Feature (W)**

Continuation of workshop experience with emphasis on full-length screenplay. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**MEDIA 21100 - News Literacy in a Digital Age**
Hunter Core
English Comp (EC)
In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

MEDIA 31400 - Public Relations: Theory and Practice (W)

GER
3/A

An examination of principal techniques and strategies in public relations, including critical analysis of its social uses. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

prereq: MEDIA 18000 & MEDP 20100
3 hrs
3 cr.

MEDIA 37300 - Journalism as Literature

GER
3/A

An examination of the relationships between journalism and literature, including literary journalism, the journalistic prose of major imaginative writers, and the stylistic characteristics of hard news reporting.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39800 - Complex Television Narratives (W)

This course examines the historical emergence and characteristics of long-term arc-driven TV serials. Emphasis will be on the narrative strategies and formal features of dramatic serials, with some attention to complex comedies. This course falls under the Media Analysis and Criticism concentration of the Media major.

prereq: MEDIA 27100 (Television Culture, previously MEDIA 37100) or MEDIA 37100 or MEDIA 39700 (Cult Television Theory and Audiences) or Permission of instructor
3 hrs
3 cr.

MEDPL 23900 - Entertainment Journalism (W)

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.

prereq: MEDPL 20100
3 hrs
3 cr.
MEDPL 29000 - Developing Non-Fiction Media (W)

This class guides students through the research, writing and production planning essential for creating a non-fiction film, video or podcast.

prereq: MEDIA 18000 and MEDP 16000 or FILMP 16000
3 hrs
3 cr.

MEDPL 20100 - Reporting and Writing I (W)

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

prereq or coreq: MEDIA 18000
3 hrs
3 cr.

MEDPL 20200 - Reporting and Writing 2(W)

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.

prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 29400 - Magazine Writing (W)

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.

prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 29600 - Feature Writing (W)

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.

prereq: MEDPL 20100
3 hrs
3 cr

MEDPL 37200 - Investigative Reporting (W)

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.

prereq: MEDPL 20100
3 hrs
3 cr.
**MEDPL 37700 - Neighborhood News (W)**

An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.

*prereq: MEDIA 18000 and MEDPL 20100*

3 hrs

3 cr.

**Geography and Environmental Studies**

**GEOG 24100 - Population Geography (W)**

**Pluralism and Diversity**

PD/B or C

**GER**

3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the “mechanics” of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

*prereq: GEOG 10100 or GEOG 15000 and ENGL 12000*

3 hrs

3 cr.

**PGEOG 25000 - Earth System Science I (W)**

**GER**

3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.

*prereq: ENGL 12000*

*prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.*

4 hrs

3.5 cr.

**German**

**GERMN 24000 - German Thought and Culture: A Survey (W)**

**Pluralism and Diversity**

PD/D

**GER**

2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective.
GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core
Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures.

GERMN 37300 - German-Jewish Love Stories in Literature and Film after 1945 (W)

Study of German literature and films that explore and (re)imagine relationships between non-Jewish and Jewish Germans during and after the Holocaust.

HIST 12200 - 19th and 20th Century Europe (W)

History

HIST 14100 - Contemporary Issues in Historical Perspective (W)
Selected themes in history that bear on current problems and situations.

3 hrs
3 cr.

**HIST 25000 - Historical Issues (W)**

**Pluralism and Diversity**
PD/B (HIST 25004 only)
Study of selected historical themes and issues. Topics vary each semester. May be taken a second time.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 15100 - The United States from the Colonial Era to the Civil War (W)**

**Hunter Core**
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000
3 hrs
3 cr.

**HIST 15200 - The United States from the Civil War Era to the Present (W)**

**Hunter Core**
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000
3 hrs
3 cr.

**HIST 21100 - Medieval Civilization (W)**

**Pluralism and Diversity**
PD/D
Social, institutional and cultural history of Western Europe from the late Roman period to the Black Death in the mid-14th century.
Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 120
3 hrs
3 cr.

**HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)**
Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27651 - The Modern Middle East from 1800 to the Present (W)

Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27700 - East Asia to 1600 (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27800 - East Asia, 1600 to the Present (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 28900 - Africa in the 19th and 20th Centuries (W)

Pluralism and Diversity
PD/A
GER
Historical explanation of independent Africa rising after colonialism and adjusting to modernization. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 30000 - Historical Research (W)

GER
3/B

Independent research related to a prior upper-level course already completed under the supervising instructor. The research will result in an extensive paper.

Courses at the 300-level and above not offered to freshmen.
prereq: HIST 29000 and departmental permission
3 hrs
3 cr.

HIST 31400 - Ancient and Medieval Christianity (W)

Pluralism and Diversity
PD/D
GER
3/B

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 31800 - History of the American Working Class (W)

Pluralism and Diversity
PD/D
GER
3/B

History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 31900 - Jewish History in the Medieval and Early Modern Periods (W)

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from late antiquity to the 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 32400 - Europe in the Age of Renaissance and Reformation (W)

Pluralism and Diversity
PD/D
GER
3/B

European life and society in early modern era. Religious, political, economic and social change.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 33100 - European Culture in the 16th, 17th and 18th Centuries (W)

GER
3/B

The impact of the Reformation, Counter- Reformation, the Scientific Revolution and related movements.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 33800 - History of Italy (W)

Pluralism and Diversity
PD/D
GER
3/B
Classical to Renaissance background. Catholic Reformation, foreign domination, Risorgimento to Fascism, post-World War II era. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 34100 - Topics in History (W)
GER
3/B
Exploration of major trends, special controversies or significant events; topics vary each term. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 35400 - The American Colonies in the 17th Century (W)
GER
3/B
Comparative treatment of settlement in the Spanish, Portuguese, French, Dutch and English colonies. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 35500 - The American Colonies in the 18th Century (W)
GER
3/B
Social, political and cultural changes. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 35700 - American-Jewish History (W)
Pluralism and Diversity
PD/D
GER
3/B
Development of the American Jewish community; economic, political and social integration; cultural adaptation. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

**HIST 35800 - 20th Century United States (W)**

**Pluralism and Diversity**
**PD/D**
**GER**
**3/B**

Leading personalities and domestic problems of the U.S. Since 1900. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000*

3 hrs
3 cr.

**HIST 37300 - History of the Ottoman Empire (W)**

**Pluralism and Diversity**
**PD/A**
**GER**
**3/B**

This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the 12th-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.

*prereq: ENGL 12000*

3 hrs
3 cr.

**HIST 38300 - Problems in U.S. History (W)**

**GER**
**3/B**

Intensive reading and research in selected topics. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000*

3 hrs
3 cr.

**HIST 38400 - Problems in European History (W)**

**GER**
**3/B**

Intensive reading and research in selected topics. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000*

3 hrs
3 cr.
HIST 29000 - History Practicum (W)

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more self-directed, substantial and independent historical research projects in the future.

Prereq: ENGL 12000; 6 cr in history and permission of the department

3 hrs.

3 cr.

HIST 34600 - Churchill's Britain (W)

GER

3/B

The history of Britain and its empire in the 20th century. The emphasis will be on the world wars and their impact on British military and diplomatic power, and thus on the spread of British imperial rule up to the 1920s, as well as on the changes the wars brought to the British economy, society and culture and, ultimately, the collapse of the empire after 1945. The major theme of the course will be how to understand Britain's "decline" in the 20th century. The rise and fall of the British imperial system and its transformation into a Commonwealth of nations.

Courses at the 300-level and above not offered to freshmen.

Prereq: ENGL 12000

3 hrs.

3 cr.

HIST 33600 - History of 20th-Century Germany (W)

Pluralism and Diversity

PD/D

An introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past. This course is an introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past.

Prereq: ENGL 12000; Not offered to freshmen.

3 hrs.

3 cr.

Humanities Interdisciplinary

Human Rights

HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

Pluralism and Diversity

PD/D

GER

3/B
An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.

**HR 26000 - Human Rights Internship Seminar (W)**

This course critically evaluates the role of human rights organizations and human rights practices in determining the meaning and value of human rights.

**prereq:** ENGL 12000 and HR 20000

**prereq or coreq:** HR 25000

3 hrs

3 cr.

*fall and spring; summer when possible*

**HR 35000 - Human Rights Capstone Seminar (W)**

This course involves the theoretical examination of constitutive problems in the discourse and practice of human rights, especially as they would inform the composition of a human rights academic research project. It requires participating students to present their research projects in the seminar and to compose a 20-25 page research paper on a human rights topic.

This course is specifically designed for students who are pursuing a Certificate in Human Rights. This is a writing intensive course.

**prereq or coreq:** HR 26000

*Offered spring only*

**Macaulay Honors College (a/o fall 2001)**

**MHC 10000 - MHC Seminar 1, The Arts in New York City (W)**

**Hunter Core**

Creative Expression (CE)

Fulfills GER 2D, Visual and Performing Arts: Media, Art, Dance, Film, Music, Theatre

**prereq:** Open to Macaulay Honors College students only

3 hours

3 credits

**MHC 15000 - MHC Seminar 2: Peopling of New York (W)**


Hunter Core
Individual and Society (Social Sciences) - I&S SS
Fulfills GER 2B, Social Science: People and Their Societies.
prereq: Open only to Macaulay Honors College students.
3 hours
3 credits

MHC 20000 - MHC Seminar 3: Science and Technology (W)

Hunter Core
Scientific World (SW)
GER
GER 3B

prereq: Macaulay Honors College only. ENGL 12000; MHC 15000 or its equivalent at another CUNY Honors College campus
3 hours
3 credits

MHC 25000 - MHC Seminar 4: Shaping the Future of New York City (W)

Pluralism and Diversity
Macaulay Honors College
Fulfills GER 2B, Social Science: People and their Societies
prereq: Open only to Macaulay Honors College students.
3 hours
3 credits

Mathematics and Statistics

MATH 37600 - Philosophy of Mathematics (W)

GER
3/B

Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. Cross-listed as PHIL 37600.
prereq: ENGL 12000; PHIL 10100, MATH 27500
3 hrs
3 cr.

Music

MUSHL 20600 - Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
MUSHL 21000 - Music for the Piano (W)

Pluralism and Diversity
GER 3/A PD/D
Piano literature from the 18th century to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20000, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 21200 - Masterpieces of Opera (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of operatic styles of such composers as Mozart, Verdi, and Wagner.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 21700 - History of Jazz (W)

Pluralism and Diversity
PD/B
GER
3/A
Survey of jazz from its origins to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 22100 - Black Music in the Americas (W)

Pluralism and Diversity
PD/B
GER
3/A
The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 23100 - Folk and Traditional Music (W)
GER
3/A

Study of ethnic music of selected cultures.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 24000 - Music of the Caribbean and Latin America (W)

Pluralism and Diversity
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3 cr.

MUSHL 24100 - Music of Asia (W)

Pluralism and Diversity
PD/A
GER 3/A

Music and its relationship to dance and drama in the major civilizations of East Asia, Southeast Asia, South Asia, Central Asia, and the Middle East.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 24500 - Music of Africa (W)

Pluralism and Diversity
PD/A
GER 3/A

Introduction to traditional and popular African music and performance practices. Theoretical and methodological issues as defined by ethnomusicology.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 25000 - Women and Music (W)

Pluralism and Diversity
PD/C
GER 3/A

An ethnomusicological study of women and music in cross-cultural perspective.
cross-listed WGSA 25000 (W)
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000, or perm. Instr.
3 hrs
3 cr.

MUSHL 25200 - Film Music (W)

GER
3/A

Introduction to the history, aesthetic, form and techniques of film music, for everyone interested in film or film music, from the casual viewer of television movies and videotapes to film and music majors.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 26100 - Special Topics in History and Literature of Music (W)

Pluralism and Diversity
PD/A or B or C
GER
3/A

Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times. Depending on topic, may satisfy PD.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 30500 - Music History III (W)

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall

MUSHL 30600 - Music History IV (W)

Pluralism and Diversity
PD/D
Central issues in the history of European music, such as the role of patronage in musical culture, relationships of musical style to instruments and performing ensembles, and the impact of historical consciousness on contemporary musical life.
prereq: MUSHL 30500
3 hrs
3 cr.
offered spring
MUSHL 35200 - Introduction to Ethnomusicology I (W)

Pluralism and Diversity
PD/A
prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000
3 hrs
3 cr.

MUSHL 35300 - Introduction to Ethnomusicology II (W)

Pluralism and Diversity
PD/A
Survey of musical traditions of North Africa, the Middle East, Oceania, and South and East Asia.
prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000
3 hrs
3 cr.

MUSHL 36100 - Special Topics in History and Literature of Music (W)

Specialized study of selected genre, locality, period, style, composer, or problem. Topics to be announced. May be taken 6 times.
prereq: ENGL 12000, variable music courses
3 hrs
3 cr.

Philosophy

PHILO 26600 - Knowledge and Reality (W)

Pluralism and Diversity
PD/D
GER
3/A

An introduction to central concepts and issues in 20th Century and contemporary metaphysics and epistemology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 21400 - Medieval Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.

prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.

prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

PHILO 31800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

prereq: ENGL 12000 and two previous courses in philosophy

3 hrs
3 cr.

PHILO 21900 - Chinese Philosophy (W)

Hunter Core
World Cultures and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.

prereq: ENGL 12000
PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of 20th century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.

prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr.

PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.

prereq: ENGL 12000
3 hrs
3 cr.

PHILO 22300 - Neoplatonism (W)

Pluralism and Diversity
PD/D
GER
3/A

A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 22500 - American Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.

prereq: ENGL 12000 and one previous course in philosophy.
PHILO 22600 - African-American Philosophy (W)

Hunter Core
US Experience in its Diversity (USED)
Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.

prereq: ENGL 12000
3 hrs
3 cr.

PHILO 22800 - Existentialism (W)

Pluralism and Diversity
PD/D
GER
3/A

Philosophical and literary writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.

prereq: ENGL 12000
3 hrs
3 cr.

PHILO 23000 - Feminist Philosophy (W)

Pluralism and Diversity
PD/C
GER
3/A

Survey of major ideas in feminist philosophy and their practical implications.

cross-listed WGST 23000 (W)

prereq: ENGL 12000
3 hrs
3 cr.

PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.

prereq: ENGL 12000 and one previous course in philosophy.
PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000
3 hrs
3 cr.

PHILO 25600 - Philosophy and Literature (W)

Hunter Core
Creative Expression (CE)
GER
3/A

Analysis of major philosophical themes in some classics of world literature.

*prereq:* ENGL 12000

3 hrs

3 cr.

**PHILO 25800 - Aesthetics (W)**

**GER**

3/A

Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.

*prereq:* ENGL 12000 and one previous course in philosophy.

3 hrs

3 cr.

**PHILO 26200 - Philosophy of Religion (W)**

**GER**

3/A

Philosophical examination of some religious questions and beliefs.

*prereq:* one course in philosophy or religion (see statement under Program Prerequisites)

3 hrs

3 cr.

**PHILO 26800 - Mind, Language and Cognition (W)**

**GER**

3/B

An introduction to central concepts and issues in contemporary philosophies of mind, language, psychology, and cognitive science.

*prereq:* ENGL 12000 and one previous course in philosophy.

3 hrs

3 cr.

**PHILO 27000 - Philosophy, Science and Culture (W)**

**Hunter Core**

Scientific World (SW)

**GER**

3/B

Issues relating to the impact of modern science on philosophy, religion and culture.

*prereq:* ENGL 12000

3 hrs

3 cr.
PHILO 32000 - Twentieth-Century Philosophy (W)

GER
3/A

Survey of such movements as pragmatism, process philosophy, analytic philosophy, existentialism, phenomenology, feminism and post modernism through consideration of such representative figures as Dewey, Moore, Whitehead, Russell, Husserl, Heidegger, Wittgenstein, Ayer, Sartre, De Beauvoir, Quine, Rorty and Rawls.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 34400 - Contemporary Theories in Ethics (W)

GER
3/A

A study of important theories in contemporary ethics, such as rule utilitarianism, intuitionism, prescriptivism, and constructivism.

prereq: 2 courses in philosophy, 1 at the 200-level.
3 hrs
3 cr

PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

PHILO 34700 - Critical Philosophy of Race (W)

Pluralism and Diversity
PD/B

Recent work in philosophy on the topic of race in relation to its validity as a concept, relation to science, and relevance for ethics and political philosophy.

prereq: ENGL 12000 plus two courses in philosophy, one of which must be at the 200-level.
3 hrs
3 cr.

PHILO 36300 - Feminist and Social Epistemologies (W)

Pluralism and Diversity
PD/C

Recent work in feminist epistemology and social epistemology including philosophy of science.

prereq: ENGL 12000 plus two courses in philosophy, one of which must be at the 200-level
PHILO 37600 - Philosophy of Mathematics (W)

GER
3/B

Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. Cross-listed with MATH 376.

Prereq: ENGL 12000; one PHIL course and one PHIL or MATH course (precalculus or beyond)

3 hrs
3 cr.

PHILO 37900 - Philosophy of Science (W)

GER
3/B

Study of foundations of knowledge in natural and social sciences.

Prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs
3 cr.

PHILO 38000 - Major Figures in Philosophy (W)

GER
3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:

PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W)
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)

Prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs
3 cr.

Physics and Astronomy

PHYS 39900 - Senior Thesis (W)
This course is to prepare the students for graduate research. Each student will undertake a research experience, experimental, theoretical, and/or computational, under the supervision of a department faculty member. A final oral as well as written report will be required. The goals are that the student learns research skills in physics, written and oral communication skills, while furthering their knowledge in a topical area in physics.

prereq: PHYS 11100, 12100

prereq or coreq: ENGL 12000, and at least four 200-, 300-, or 400-level physics courses
3 cr.

Political Science

POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.

prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)
Hunter Core

Individual and Society (Social Sciences) - I&S SS

GER

2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

prereq or coreq: ENGL 12000 or its equivalent

3 hrs

3 cr.

POLSC 20100 - Ancient to Early Modern Political Thought (W)

Pluralism and Diversity

PD/D

GER

3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.

prereq: ENGL 12000 or its equivalent

3 hrs

3 cr.

POLSC 20200 - Modern Political Thought (1600-1900) (W)

Pluralism and Diversity

PD/D

GER

3/B

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.

prereq: ENGL 12000 or its equivalent

3 hrs

3 cr.

POLSC 20300 - Political Thought Since 1900 (W)

Pluralism and Diversity

PD/D

GER

3/B

Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.

prereq: ENGL 12000 or its equivalent

3 hrs

3 cr.
POLSC 20600 - Research Design in Political Science (W)

GER
3/B

Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.

*prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent*

3 hrs
3 cr.

POLSC 20700 - Data Analysis in Political Science (W)

GER
3/B

Computer applications and statistical analysis in political science. Students write a quantitative term paper. Uses Social Science Data Lab.

*prereq: POLSC 20600 or perm instr.*

3 hrs
3 cr.

POLSC 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D

GER
3/B

Examines history of political thought from the perspective of gender relations and the treatment of women.

*cross-listed WGST 20900*

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

POLSC 21100 - State Government and Politics (W)

GER
3/B

Comparative analysis of state governments. Power and role of governors, state legislatures, parties, lobbies.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

POLSC 21200 - Urban Politics (W)

GER
3/B

Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21500 - Public Opinion and Political Participation (W)

GER
3/B

What American people think about politics and how they express it, from polls to elections to demonstrations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21800 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed WGSP 21800 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21900 - Women and the Law (W)

Pluralism and Diversity
PD/C
GER
3/B

Overview of how local, state and federal laws treat people on the basis of sex.
cross-listed WGSP 21900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 22100 - U.S. Immigration Policy (W)

Pluralism and Diversity
PD/B -or- PD/C
GER
3/B

The course focuses on the political development of federal immigration policy, and on historical and contemporary issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.
prereq: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200
3 hrs
3 cr.

**POLSC 22600 - Interest Group Politics (W)**

**GER**
3/B

Analysis of the organization and role of interest groups in American politics. The course stresses the importance of organizational resources and the ability of interest groups to be "faithful advocates" of member interests in exercising influence in elections and policy-making.

*prereq: ENGL 12000 or equivalent*

3 hrs
3 cr.

**POLSC 22700 - Political Parties (W)**

**GER**
3/B

Theories, historical analysis, and contemporary views of the central institution that links citizens and office holders in the United States, with a focus on the role of parties as vehicles for expressing and pursuing policy goals.

Not open to students who completed POLSC 21400

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 22800 - Protest Movements in American Politics (W)**

**Pluralism and Diversity**

P/D B or C

**GER**
3/B

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.

*prereq: ENGL 12000 or equivalent*

3 hrs
3 cr.

**POLSC 23000 - The American Presidency (W)**

**GER**
3/B

Selection, election, role, functions and powers of the president.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.
POLSC 23500 - The American Congress (W)

GER
3/B

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 24000 - The American Judiciary (W)

GER
3/B

The Supreme Court and other federal courts as part of policy-making process in American government.  
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 24400 - Energy and Environmental Politics and Public Policy (W)

GER
3/B

Examination of political processes and public policies shaping energy production and consumption in the U.S. with comparative reference to other countries. Emphasis on political, economic, social, environmental and foreign policy aspects.  
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 25000 - Comparing Countries (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include: Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.  
prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

POLSC 25100 - Politics of Africa, Asia and Latin America (W)
An examination of the nature of governance and politics in Africa, Asia and Latin America. Through in-depth study of several countries, students explore topics and concepts such as political culture, modernization, development, dependency, democracy, political leadership and the processes of policy making.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 25300 - Government and Politics in Latin America (W)**

Pluralism and Diversity
PD/A
GER
3/B

Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.

cross-listed LACS 43405

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 25400 - Government and Politics in Western Europe (W)**

Pluralism and Diversity
PD/D
GER
3/B

Theory, practice, institutions and problems of Western European nations particularly Britain, France and Germany.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 25500 - Government and Politics of Japan and Korea (W)**

Pluralism and Diversity
PD/A
GER
3/B

Political, social and economic institutions of Japan and Korea; their domestic politics and relations with the world.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 25700 - Government and Politics of China (W)**

Pluralism and Diversity
PD/A
GER
3/B

Chinese politics, institutions and foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 26000 - African Politics through African Films (W)

Pluralism and Diversity
PD/A
GER
3/B

An examination of contemporary African politics using various social science theories, films and documentaries made by African filmmakers.

cross-listed AFPRL 29019, MEDIA 29975, FILM 21462
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 26200 - Government and Politics in Central America (W)

Pluralism and Diversity
PD/A
GER
3/B

Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.

cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 26300 - Government and Politics in the Middle East (W)

Pluralism and Diversity
PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 26400 - Government and Politics of Israel (W)
GER
3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 26500 - Government and Politics in Eastern Europe (W)

Pluralism and Diversity
PD/D
GER
3/B

Political, social and economic institutions of individual Eastern Central European nations and their post-communist transitions.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 26700 - The Politics of Southern Africa (W)

Pluralism and Diversity
PD/A
GER
3/B

Political, economic, and social institutions in Angola, Botswana, Mozambique, Namibia, South Africa, and Zimbabwe.

cross-listed AFPRL 29015

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)

Hunter Core
World Culture and Global Issues (WCIG)
GER
3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 27100 - International Politics in the Americas (W)**

**Pluralism and Diversity**

PD/A

GER

3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.

*cross-listed* LACS 43432

**prereq:** ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 27400 - American Foreign Policy (W)**

GER

3/B

Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.

**prereq:** ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 27500 - Politics of the Global Economy (W)**

GER

3/B

Introduction to International Political Economy (IPE). Examines the dynamic interaction between politics and economics across national borders, including the politics of trade, development, finance, varieties of capitalism, globalization and environmental protection. Not open to students who have taken POLSC 37600.

**prereq:** ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 27600 - Global Issues (W)**

GER

3/B

Examination of current global issues using traditional and critical international relations perspectives. Topics vary each semester: population growth, food insecurity, human trafficking, the future of the euro, immigration challenges in Europe, climate change, resource shortages, global poverty, shared values, and other issues.

**prereq:** ENGL 12000 or its equivalent

3 hrs

3 cr.
POLSC 27800 - International Organizations (W)

GER
3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 28000 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B

The course examines the roles that women have played as subjects and objects in war and peace.

cross-listed WGSP 26200 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 28100 - Drugs, Politics and Public Policy (W)

GER
3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.

prereq: ENGL 12000
3 hrs
3 cr.

POLSC 28200 - International Security (W)

GER
3/B

An introduction to basic concepts and problems in the area of international security, this course will explore explanations for some of the central causes of security/insecurity and peace/war, as well as examine select contemporary security issues.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 28300 - Terrorism (W)
The course will explore the types, causes, and strategies of terrorism as well as the effectiveness and civil liberty implications of counterterrorism strategies. Both contemporary and historical terrorist groups will be considered.

Not open to students who have completed POLSC 27353.

prereq or coreq: ENGL 12000 or the equivalent

3 hrs

3 cr.

POLSC 29102-29103 - Directed Research (W)

This course is designed to teach individual students how to do research under the direction of a full-time faculty member. Students will participate in ongoing faculty research, and may do independent reading, library research, data collection and data analysis. The course will culminate in a research paper, literature review, or co-authored conference paper submitted for publication. Students will gain an understanding of the research methods utilized in the project, will gain hands-on experience in basic research, and will learn how to write the a research report with extensive feedback from their faculty supervisor.

prereq or coreq: ENGL 12000 or the equivalent; minimum of 60 credits and 15 credits in political science or permission of a full-time faculty supervisor.

2 or 3 hrs

2 or 3 cr.

POLSC 30100 - American Political Thought (W)

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.

prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.

3 hrs

3 cr.

POLSC 30200 - Critical Theory and Politics (W)

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation.

prereq: ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor.

4 hrs

4 cr.

POLSC 30500 - Democratic Theory (W)
A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice. 
prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

**POLSC 30900 - Feminist Political Theory (W)**

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists. 
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

**POLSC 31000 - Comparative Legal Systems (W)**

GER
3/B

Comparative study of major legal traditions of the modern world, including common law, civil law, Soviet, Islamic, Chinese, tribal and hybrid systems.
prereq: POLSC 11000, 23800 or 34000 or 34100 or 34300 or 37500 or any course in comparative politics subfield, or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 31100 - Utopian Theory (W)**

GER
3/B

Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities. 
prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.
3 hrs
3 cr.

**POLSC 31600 - Political Theory of Human Rights (W)**

GER
3/B
A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.

\textit{prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.}

\textit{3 hrs}

\textit{3 cr.}

\textbf{POLSC 32000 - Ethnic Politics (W)}

\textbf{Pluralism and Diversity}

\textbf{PD/B}

\textbf{GER}

\textit{3/B}

Major theories and empirical approaches to the study of race, ethnicity, and gender in American politics. Study of identity as an organizing and motivating force in American politics.

\textit{prereq: ENGL 12000 and any political science course}

\textit{4 hrs}

\textit{4 cr.}

\textbf{POLSC 32100 - American Political Economy (W)}

\textbf{GER}

\textit{3/B}

Critical analysis of the distribution of power between the state and the private sector. Theories about the government-business relationship are tested through a series of case studies.

\textit{prereq: ENGL 12000 or its equivalent}

\textit{3 hrs}

\textit{3 cr.}

\textbf{POLSC 32200 - Social and Economic Policies in Western Europe and the United States (W)}

\textbf{Pluralism and Diversity}

\textbf{PD/D}

\textbf{GER}

\textit{3/B}

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.

\textit{prereq: Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).}

\textit{4 hrs}

\textit{4 cr.}

\textbf{POLSC 32300 - Politics of Public Budgeting (W)}

\textbf{GER}

\texti{3/B}

This course sets the processes and techniques of public budgeting within the context of American political institutions
at the national, state and local levels.

prereq: ENGL 12000 or the equivalent; two political science courses at the 200-level or above or permission of the instructor

4 hrs
4 cr.

POLSC 33000 - American Political Development (W)

GER
3/B

Analysis of the historical development of American politics, including: the impact of the Constitution, ideas, and political culture; state building/unbuilding in different historical eras; and the evolution of citizenship and political participation.

prereq: ENGL 12000 or its equivalent, POLSC 11000 or perm. inst

4 hrs
4 cr.

POLSC 34000 - Constitutional Law: Organizing the Government (W)

GER
3/B

Constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.

prereq: POLSC 11000 or 11100 or 23800

3 hrs
3 cr.

POLSC 34100 - Constitutional Law: Civil Rights (W)

GER
3/B

Constitutional problems and Supreme Court decisions regarding race and sex discrimination.

prereq: POLSC 11000 or 11100 or 23800

3 hrs
3 cr.

POLSC 34200 - Constitutional Law: The First Amendment (W)

GER
3/B

Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), religion and assembly.

prereq: POLSC 11000 or 11100 or 23800

3 hrs
3 cr.
POLSC 34300 - Criminal Law (W)

GER 3/B

Constitutional problems and judicial decisions regarding search and seizure, right to counsel, self incrimination.

prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.

POLSC 34800 - Public Administration and Public Policy (W)

GER 3/B

Analysis of problems in policy-making and administration, focusing on motivations, ethics, authority.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 35100 - Government and Politics of Russia and the Post-Soviet States (W)

GER 3/B

Post-Soviet politics, institutions, social forces, economic transformations and regions.

prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm. instr.
3 hrs
3 cr.

POLSC 35200 - State and Society in Africa (W)

Pluralism and Diversity
PD/A
GER 3/B

An examination of the nature of the relationship between the African state and civil society in the post-independence period and how this relationship influences governance and democracy.

prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm. instr.
3 hrs
3 cr.

POLSC 35300 - Social Movements, Civil Society and the State in Latin America (W)

Pluralism and Diversity
PD/A
GER 3/A

Analysis of the role of popular and opposition movements in Latin America and their relationship to the state, from the
challenges to the dictatorships of the 1970s through the contemporary neoliberal economic order and democratic polities.

prereq: ENGL 12000 or the equivalent; a course in comparative politics; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
4 cr.

POLSC 35600 - India's Democratic Experiment (W)

Pluralism and Diversity
P/D A
GER
3/B

Assesses the nature and durability of India's democratic political system. Examines key events, personalities, institutions, and movements in Indian politics from Independence (1947) to the present. Focuses on the challenge of adapting democratic institutions to circumstances of extreme social diversity and economic deprivation.

prereq: ENGL 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr.

POLSC 36000 - Democracy & Development in a Globalizing World (W)

Pluralism and Diversity
P/D A
GER
3/B

The relationship between democracy and development in post-colonial countries. Questions include: What relations of causality, in either direction, have political scientists sought to establish between democracy and development? What is the impact of globalization on these relations? How can historical analysis help to illuminate these and other issues, such as why some countries have been better at promoting per capita income growth than others? What efforts have been undertaken – by individual citizens, by civic groups, by aid donors – to plug the democratic deficits that arise in the course of pursuing development under 21st Century conditions?

prereq: ENGL 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr.

POLSC 37400 - International Human Rights (W)

GER
3/B

An examination of the origins, substance and processes of human rights in international relations.

prereq: ENGL 12000 and any course in International Relations or Comparative Politics.
3 hrs
3 cr.

POLSC 37500 - International Law (W)
GER
3/B

Theory of and case studies on the nature, sources, practices and efficacy of international law, principles and rules.

prereq: ENGL 12000 and any course in International Relations

3 hrs
3 cr.

POLSC 37600 - International Political Economy (W)

GER
3/B

An examination of key concepts in international political economy, such as the politics of trade, the globalization of finance, financial crises, global inequality, and migration.

prereq: ENGL 12000 and any course in international relations

4 hrs.
4 cr.

POLSC 37700 - Theories of International Politics (W)

GER
3/B

An examination of the central concepts and issues in international politics that underpin the main theoretical debates in the field.

prereq or coreq: ENGL 12000 and any course in International Relations

4 hrs.
4 cr.

POLSC 37800 - Russia in a Globalized World (W)

Pluralism and Diversity
PD/D

GER
3/B

In a contemporary, historical, comparative, and international context, this course explores issues at the intersection of Russia's domestic politics and foreign policies and the implications for Russia and the international system.

prereq: ENGL 12000 and any course in International Relations or Comparative Politics

4 hrs.
4 cr.

POLSC 38000 - European Security (W)

Pluralism and Diversity
PD/D

GER
3/B
A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the 21st century.

*prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor*

*coreq: ENGL 12000 and any course in International Relations*

*4 hrs*

*4 cr.*

**POLSC 38100 - East Asia in World Politics (W)**

**Pluralism and Diversity**

**PD/A**

**GER**

**3/B**

An examination of sources of stability and instability in East Asia, using social science theories and historical background.

*prereq: ENGL 12000 or its equivalent; POLSC 27000 or perm instr.*

*3 hrs*

*3 cr.*

**POLSC 38200 - Causes of War (W)**

**GER**

**3/B**

An analysis of the causes of war and peace for both civil and interstate wars including especially the role of bargaining, but also the roles alliances, arms races, rivalries, and institutions.

*prereq: ENGL 12000 and any course in International Relations*

*4 hrs.*

*4 cr.*

**POLSC 38300 - Rising Powers, China, the U.S. and World Order (W)**

**GER**

**3/B**

An examination of global power shifts and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other "BRICS" countries.

*prereq: ENGL 12000 and any course in International Relations*

*4 hrs*

*4 cr.*

**POLSC 38400 - Comparative Foreign Policy (W)**
An analysis of why states have different foreign policies and the sources of those differences. Various factors such as power, political culture, religion, regime type, history, economic and state development, and individuals will be explored.

prereq: ENGL 12000 and any course in International Relations
4 hrs.
4 cr.

Psychology

PSYCH 20500 - The Profession of Psychology (W)

GER
3/B

Open to declared majors only. Introduction to and critical analysis of the profession of psychology; examination of theories and career options in major subfields of psychology. Students must have Internet access.
prereq: PSYCH 10000 and any other 3 cr PSYCH course, perm dept.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 21000 - Child Development

GER
3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 21200 - Exceptional Childreths

GER
3/B

Special problems of adjustment and training of exceptional children, including the gifted as well as the intellectually, emotionally and physically handicapped.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 21500 - Introduction to Research Methods in Psychology (W)
GER
3/B

Evaluation of published research; research principles and the concepts which underlie them; how to evaluate and select research strategies.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 22000 - Personality

GER
3/B

Review of the contributions to the understanding of normal personality in the theories of the Freudian and other analytical schools; of Allport, of representative behaviorist groups and of constitutional typologists; also, methods of assessing and understanding individual personality.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 22100 - Psychoanalytic Theories

GER
3/B

Historical, theoretical and empirical approaches from Freud to the present; empirical evaluation and integration of these theories with learning and ethological theory.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 22300 - Abnormal Psychology

GER
3/B

Consideration of psychological abnormalities; symptoms, etiology, diagnostic procedures and therapy.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 22500 - Ethology: Animal Behavior
GER 3/B

Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison.
Writing Intensive

\textit{prereq: PSYCH 10000 and any other 3 cr PSYCH course}
\textit{prereq or coreq: ENGL 12000}
\textit{3 hrs}
\textit{3 cr.}

**PSYCH 23000 - Social Psychology**

GER 3/B

Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive

\textit{prereq: PSYCH 10000 and any other 3 cr PSYCH course}
\textit{prereq or coreq: ENGL 12000}
\textit{3 hrs}
\textit{3 cr.}

**PSYCH 23500 - The Psychology of Women**

Pluralism and Diversity
PD/C
GER 3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensive\textit{cross-listed WGSP 23500 (W)}

\textit{prereq: PSYCH 10000 and any other 3 cr PSYCH course}
\textit{prereq or coreq: ENGL 12000}
\textit{3 hrs}
\textit{3 cr.}

**PSYCH 24000 - Applications of Psychology**

GER 3/B

Psychological issues in business, law and medicine; consumer research, personnel selection and training, motivation and morale in industry, safety programs, testimony, lie detection and psychological issues in coping with physical illness.
Writing Intensive

\textit{prereq: PSYCH 10000 and any other 3 cr PSYCH course}
\textit{prereq or coreq: ENGL 12000}
\textit{3 hrs}
\textit{3 cr.}
PSYCH 24200 - Health Psychology

GER
3/B

Psychological and behavioral factors related to physical illness and health promotion, including such areas as aging, stress and coping, pain, addiction and eating disorders.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 24500 - History of Psychology (W)

GER
3/B

Introspective, behavioristic, gestalt, psychoanalytic and related viewpoints developed from early philosophic roots of psychology.
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 24800 - Statistical Methods in Psychological Research

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)
prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12400 or 12500 or 12550 or STAT 11300 with a C or better, or appropriate score on math placement exam
prereq or coreq: ENGL 12000
4 hrs
4 cr.

PSYCH 24900 - Experimental Psychology: Social

GER
3/B

Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYC 249 or 250, but not both.)
Writing Intensive
PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a
psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the
previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYC 24800 with a minimum grade of C
prereq or coreq: Writing Intensive

6 hrs (2 lec, 4 lab)
4 cr.

PSYCH 25000 - Experimental Psychology: General

GER
3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the
principles of research methodology and experimental techniques. Required research reports involve a variety
of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or
25000, but not both.)

prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
6 hrs (2 lec, 4 lab)
4 cr.

Religion

REL 11000 - Nature of Religion (W)

Hunter Core
Individual and Society (Humanities) - I&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.

REL 11100 - Approaches to Religion (W)

Hunter Core
Individual and Society (I&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
prereq: ENGL 12000
3 hrs
3 cr.
REL 20400 - Religious Experience (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20500 - Faith and Disbelief (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20700 - Religious Sources for Morality (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C
Religious reasons for determining good and evil; religious sources for ethical decisions.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 20800 - Religion and Social Justice (W)**

**Hunter Core**
- Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**
- PD
- GER
- 2/B

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25100 - Asian Religions (W)**

**Hunter Core**
- World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
- PD/A
- GER
- 2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25200 - Ancient Near Eastern Religions (W)**

**Hunter Core**
- World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
- PD/A
- GER
- 2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25300 - Abrahamic Religions (W)**

**Hunter Core**
- World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam— with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25500 - Religions of Two Gods (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25600 - Afro-Caribbean Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.
prereq: ENGL 12000
3 hrs
3 cr.
REL 27000 - Religion and Psychology (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr.

REL 30700 - Religious Ideas in Modern Literature (W)

Pluralism and Diversity
PD/D
GER
3/A

Exploration of religious themes in modern literature.
prereq: ENGL 12000
3 hrs
3 cr.

REL 30800 - Religion and the Arts (W)

Pluralism and Diversity
PD/D
GER
3/A

Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.
prereq: ENGL 12000
3 hrs
3 cr.

REL 30900 - The Religious Meanings of Love and Sex (W)

Pluralism and Diversity
PD/D
GER
3/A

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
prereq: ENGL 12000
3 hrs
3 cr.
REL 31000 - The Religious Meanings of Death (W)

Pluralism and Diversity
PD/D
GER
3/A

Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31100 - Women and Religion (W)

Pluralism and Diversity
PD/C
GER
3/A

An examination of the role of women and the concept of the feminine in world religions.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and non-Western traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31300 - Ecospirituality: Religion and Nature (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31500 - The Problem of Evil (W)
Pluralism and Diversity
PD/D
GER
3/A

Exploration of the religious meaning of evil in different cultures.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**REL 32000 - Hinduism (W)**

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**REL 32100 - Buddhism (W)**

Pluralism and Diversity
PD/A
GER
3/A

Study of Buddhism, its development, history, literature, philosophy and religious practices.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**REL 32200 - Islam (W)**

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam, its development, history, literature, philosophy and religious practices.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**REL 32300 - Christianity (W)**

Pluralism and Diversity
PD/D
GER
3/A
Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 32400 - Islam and Buddhism (W)**

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 33000 - New Testament Religion (W)**

Pluralism and Diversity
PD/D
GER
3/A


**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 33300 - Christian Theology (W)**

Pluralism and Diversity
PD/D
GER
3/A

An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 33400 - Mysticism (W)**

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various
REL 33500 - Myth and Ritual (W)

Pluralism and Diversity  
PD/D  
GER  
3/A  

Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis.  
_prereq: ENGL 12000  
3 hrs  
3 cr.

REL 33600 - Zen (W)

Pluralism and Diversity  
PD/A  
GER  
3/A  

An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds.  
_prereq: ENGL 12000  
3 hrs  
3 cr.

REL 33700 - Sufism (W)

Pluralism and Diversity  
PD/A  
GER  
3/A  

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta'awwuf, attending to the history, doctrine and metaphysics of the Sufi path.  
_prereq: ENGL 12000  
3 hrs  
3 cr.

REL 34000 - Homosexuality in World Religions (W)

Pluralism and Diversity  
PD/C  
GER  
3/A  

A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender.  
_prereq: ENGL 12000
An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.

prereq: ENGL 12000, REL 11100

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

prereq: ENGL 12000

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.

prereq: ENGL 12000
REL 25700 - Religions of Ancient Central and South America (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization. The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

prereq: ENGL 12000
3 hrs
3 cr.

REL 25800 - Religions of Ancient Europe (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples—the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe—as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

3 hrs
3 cr.

REL 32600 - Religious Meanings of the Qur'ān (W)

GER
3/A

This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" (Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility (especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.
Romance Languages

French

**FREN 25600 - Dream and Image (W)**

**GER**

3/A

Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.

3 hrs

3 cr.

Italian

**ITAL 26000 - Modern Italian Short Story (W)**

**Pluralism and Diversity**

**PD/D**

**GER**

2/C

In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq: ENGL 120 or equiv.**

3 hrs

3 cr.

**ITAL 27600 - Dante's Divine Comedy in English (W)**

**Pluralism and Diversity**

**PD/D**

**GER**

3/A

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq: ENGL 12000**

3 hrs

3 cr.

**ITAL 33900 - Italian American Women Writers and Artists: Issues of Identity (W)**
Pluralism and Diversity
PD/C
GER
3/A

In English. An active exploration of feminine Italian American identity through literature, film, and visual arts. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000
3 hrs
3 cr.

Spanish

SPAN 26500 - Don Quixote (in English translation) (W)

Pluralism and Diversity
PD/D
GER
3/A

Commentary and analysis of Cervantes' novel in its entirety, read in English translation. Examination of its main themes within the sociohistorical and literary contexts, as well as its essential role in the development of the modern novel.
Writing Intensive
prereq: ENGL 12000
3 hours
3 credits

SPAN 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.
cross-listed WGSA 26900
prereq: ENGL 12000
3 hrs
3 cr.

Sociology

SOC 21900 - American Society (W)

GER
3/B
Analysis of social structures and culture of the contemporary USA.

prereq: SOC 10100, ENGL 12000
3 hrs
3 cr.

**SOC 22300 - Contemporary Sociological Theory (W)**

GER
3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.

prereq: SOC 10100, SOC 22100, and ENGL 12000
3 hrs
3 cr.

**SOC 23900 - Child Welfare (W)**

GER
3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it. 
cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr.

**SOC 25900 - Mass Media, Communication and Public Opinion (W)**

GER
3/B

Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
3 cr.

**SOC 30900 - Social Movements and Social Change (W)**

GER
3/B

Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.
prereq: SOC 10100
3 hrs
3 cr.

**SOC 31500 - Work and Society (W)**
GER
3/B

Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.

cross-listed WGSL 31500

prereq: SOC 10100
3 hrs
3 cr.

SOC 36100 - Development and Globalization (W)

Pluralism and Diversity
PD/A
GER
3/B

This course will examine the effort of poor countries to achieve economic and social development, and the possible outcomes of that effort. Effects on social relations and the living standards of the poor majority; the purposes of development, the strategies for development that have been adopted, and the theories which attempt to explain why countries do or do not grow economically.

prereq: SOC 10100
3 hrs
3 cr.

SOC 36200 - Sociology of Islam (W)

GER
3/B

Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.

prereq: SOC 10100
3 hrs
3 cr.

SOC 33000 - Children and Public Policy (W)

GER
3/B

Study of changes in children's lives, including family composition, parental work, child care, and poverty, as well as the day-to-day lives of children living in poverty and immigrant families. The historical evolution of public policies and current policy issues are studied as they relate to children, particularly education, income support, and health policies. International policy comparisons are highlighted

prereq: ENGL 12000
3 hrs
3 cr.

Theatre
THEA 21100 - World Theatre I (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21300 - World Theatre III (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21400 - Multicultural Perspectives in Theatrical Performance (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of a selected minority theatre tradition in the United States: original roots, development, and influence on the cultural life of the group to be studied and on American culture in general. May be repeated for credit with a different topic.
prereq: THEA 10100
3 hrs
3 cr.

THEA 21500 - Black Theatre (W)

Pluralism and Diversity
PD/B
GER
3/A

Background and development, present practice, and future possibilities of Black theatre in America.
prereq: ENGL 1200, THEA 10100
3 hrs
3 cr.

THEA 32100 - Play Analysis (W)

Pluralism and Diversity
PD/D
GER
3/A

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

THEA 32200 - Theatre Theory and Criticism (W)

Pluralism and Diversity
PD/D
GER
3/A

Major theatrical theories, with emphasis on modern, as applied to acting, design, directing, and playwriting.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

THEA 32300 - 20th Century Aesthetics in Theatre and Film (W)

GER
3/A

Points of interaction, mutual influence, and cross fertilization between theatre and film in theory and praxis.
prereq: THEA 21300 or FILM 21100 or 21200; ENGL 12000
4 hrs
3 cr.

THEA 32400 - Adaptation in Theatre and Film (W)
Examination of examples of works adapted to the stage or seen from another medium.

*prereq:* THEA 32100 or FILM 21100 or 21200; ENGL 12000

4 hrs
3 cr.

**THEA 33100 - Avant-Garde Theatre of the 20th Century (W)**

**Pluralism and Diversity**

**PD/D**

**GER**

3/A

Departures from realism Expressionism, Artaud, Brecht, Grotowski from Alfred Jarry to the present.

*prereq or coreq:* THEA 21100 or 21200 or 21300

3 hrs
3 cr.

**THEA 37600 - Playwriting I (W)**

**GER**

3/A

Study of problems in playwriting based on the student's own work.

*prereq:* THEA 10100 or perm instr.

3 hrs
3 cr.

**Thomas Hunter Honors Program**

**HONS 20100 - Sophomore Honors Colloquium (W)**

**Pluralism and Diversity**

**PD/D**

Sample topics: Integrating the Irrational; Dante's World; Language, Learning, and Computation; Law and Literature; The Gothic; Ethics in Public Health. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.

*prereq:* perm dept.

3 hrs
3 cr.

**HONS 30100 - Upper-Level Honors Colloquium (W)**

**Pluralism and Diversity**

**PD/D**

Sample topics: Behavior and Evolution; Greek Myth in the Arts; Energy and Environment; Politics of Southern Africa. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.

*prereq:* perm dept.
Urban Affairs and Planning

**URBS 10100 - Urban Life: Personal and Observational View (W)**

**Hunter Core**
Individual & Society - Social Science I&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.

3 hrs
3 cr.

**URBS 10200 - Structure of Urban Region (W)**

**Hunter Core**
Individual and Society Social Science (I&S SS)
GER
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy.

*prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.*

3 hrs
3 cr.

**URBS 20100 - Urban Plans and Policies**

**GER**
2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making.

*prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.*

3 hrs
3 cr.

Women and Gender Studies

**WGS 20100 - Classics in Feminist Thought (W)**

**Pluralism and Diversity**
PD/C
GER
3/A or B
The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.

**prereq:** WGS 10000, ENGL 12000 or equiv.

3 hrs

3 cr.

**WGST 20900 - Women and Gender in Western Political Thought (W)**

**Pluralism and Diversity**

PD/C or D

GER

3/B

The history of political thought from the perspective of gender relations and the treatment of women.

*cross-listed* POLSC 20900

**prereq:** ENGL 12000 or equiv.

3 hrs

3 cr.

**WGST 23000 - Feminism: Philosophical Theory and Practice (W)**

**Pluralism and Diversity**

PD/C

GER

3/A

Analysis of feminist theories and their practical implications.

*cross-listed* PHILO 23000

**prereq:** ENGL 12000 and one course in philosophy

3 hrs

3 cr.

**WGSP 23900 - Child Welfare (W)**

GER

3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it.

*cross-listed* SOC 23900

**prereq:** ENGL 12000, SOC 10100

3 hrs

3 cr.

**WGSA 25000 - Women and Music (W)**
Pluralism and Diversity  
PD/C  
GER  
3/A  

An ethnomusicological study of women and music in cross-cultural perspective.  
cross-listed MUSHL 25000  
prereq: ENGL 12000 and one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000 or perm instr.  
3 hrs  
3 cr.

WGS 25800 - Topics in Literature by Women (W)  
Pluralism and Diversity  
PD/C  
GER  
3/A  

Selected works by women written in English will be studied with an emphasis on the diversity of women's lives and the effect of gender on experience.  
May be repeated once for credit with a different topic.  
cross-listed ENGL 25800  
prereq: ENGL 22000  
3 hrs  
3 cr.

WGSA 26000 - Russian Women Writers in English Translation (W)  
Pluralism and Diversity  
PD/C  
GER  
3/A  

cross-listed RUSS 26000  
prereq: ENGL 22000  
3 hrs  
3 cr.

WGSP 26100 - Women and Politics (W)  
Pluralism and Diversity  
PD/C  
GER  
3/B  

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.  
cross-listed POLSC 21800  
prereq: ENGL 12000  
3 hrs  
3 cr.
WGSP 26200 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B

Roles that women have played as subjects and objects in war and peace.
cross-listed POLSC 28000
prereq: ENGL 12000
3 hrs
3 cr.

WGSA 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
cross-listed SPAN 26900
prereq: ENGL 12000
3 hrs
3 cr.

WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.
cross-listed CLA 30500
prereq: ENGL 12000
3 hrs
3 cr.

WGST 30900 - Feminist Political Theory

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and global feminists.
cross-listed POLSC 30900
prereq: ENGL 12000
3 hrs
3 cr.

**WGSL 31500 - Work and Society (W)**

**GER**

3/B

Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.

*cross-listed SOC 31500*

*prereq: SOC 10100*

3 hrs
3 cr.

**WGSC 31800 - Women in Africa (W)**

**Pluralism and Diversity**

GER 3/B PD/A or C

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.

*cross-listed AFPRL 31800(W)*

*prereq: AFPRL 20200 or AFPRL 22200 or perm instr.*

3 hrs
3 cr.

**WGSA 31900 - Advanced Topics in Literature by Women (W)**

**Pluralism and Diversity**

PD/C

GER

3/A

Selected works by women in relation to a special theme, technique, genre, theoretical issue or cultural consideration. May be repeated once for credit with a different topic.

*cross-listed ENGL 31900*

*prereq: ENGL 22000*

3 hrs
3 cr.

**WGSC 32900 - Women in the African Diaspora (W)**

**Pluralism and Diversity**

PD/B or C

**GER**

3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.

*cross-listed AFPRL 31900 (W)*

*prereq: AFPRL 20400, 20900 or 21000 or perm instr.*
WGS 33600 - African-American Women Writers (W)

Pluralism and Diversity
PD/B or C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction, and children's books.
cross-listed AFPRL 33600
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr.

WGSA 33700 - Caribbean Women Writers (W)

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, colonialization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr.

WGSA 38400 - Women and Media (W)

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed MEDIA 38400
prereq: MEDIA 18000
3 hrs
3 cr.

Social/Clinical/Health Psychology with Corresponding Focus Areas

Social Psychology
PSYCH 22000 - Personality

GER
3/B

Review of the contributions to the understanding of normal personality in the theories of the Freudian and other analytical schools; of Allport, of representative behaviorist groups and of constitutional typologists; also, methods of assessing and understanding individual personality.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 23000 - Social Psychology

GER
3/B

Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 23500 - The Psychology of Women

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensivecross-listed WGSP 23500 (W)
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 31300 - Adolescence

This course reviews the physical, cognitive, emotional, and social changes that typically occur during adolescence. Topics include classic and contemporary theories of adolescent development and the interactions between adolescents and their social and cultural environments.

prereq: ENGL 12000, PSYCH 24900 or 25000, and PSYCH 21000
3 hrs
3 cr.
PSYCH 33100 - Social Cognition of Gender

The course examines the social cognitive and motivational processes that a) underpin beliefs about and evaluations of men and women, b) affect behaviors toward and by men and women, and c) change or entrench attitudes and behaviors.

prereq: ENGL 12000, PSYCH 24900 or 25000, and either PSYCH 23000 or PSYCH 24300

3 hrs
3 cr.

PSYCH 33200 - Attitudes and Persuasion

This course reviews basic theory and research applications on attitudes and attitude change processes, including how attitudes are measured, used to predict behavior, and, to persuade individuals.

prereq: ENGL 12000; PSYCH 24900 or 25000; and PSYCH 21000 -or- 23000

3 hrs
3 cr.

PSYCH 33300 - Advanced Social Psychology Theory and Methods

In-depth training in the concepts and skills necessary for conducting scientific research in social psychology. Core concepts in social psychology are used as the basis for case-studies in which different methods for examining constructs are illustrated and compared.

prereq or coreq: PSYCH 24800 with a minimum grade of C; completion of PSYCH 24900 or 25000; declaration of the psychology major.

3 hrs
3 cr.

PSYCH 33400 - Cultural Psychology

As ours society becomes more multi-cultural, the question of how culture impacts psychological processes is increasingly important. The goal of this course is to expose students to the ways that cultural meanings, practices, and institutions influence and reflect individual human psychologies, with an emphasis on cultural variability in psychological theories and research findings. Topics include but are not limited to: a) What is cultural psychology; b) Research methods in cultural psychology; c) Historical and conceptual issues in cultural psychology d) cross-cultural models of self, attention, perception, morality, memory, human development and health, e) cultural differences in gender effects and f) policy implications of cultural psychology

prereq: ENGL 12000, Completion of PSYCH 24900 or 25000 and PSYCH 23000

3 hrs.
3 cr.

PSYCH 38500 - Current Topics in Social Psychology

Focuses on contemporary knowledge and issues in the scholarly literature in selected areas within social psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

prereq: PSYCH 23000 (Social Psychology; PSYCH 24900 or 25000. Open only to psychology majors.

3 hrs
3 cr.

Clinical Psychology
PSYCH 22300 - Abnormal Psychology

GER
3/B

Consideration of psychological abnormalities; symptoms, etiology, diagnostic procedures and therapy.

Writing Intensive

prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 32300 - Developmental Psychopathology

GER
3/B

Survey and evaluation of empirical and theoretical approaches to the major psychological abnormalities that arise in childhood and adolescence; their characteristics, causes and treatments.

prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000
3 hrs
3 cr.

PSYCH 34100 - Stress, Trauma, and Resilience

This course covers the interrelated topics of stress, trauma, and resilience. The course uses a clinical science perspective to explore both normative (healthy) and problematic physiological and psychological responses to stress and trauma, as well as factors that influence resilience.

prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000
3 hrs.
3 cr.

PSYCH 34200 - Emotion: Function and Dysfunction

Focus of the course will be on understanding the role of emotion in both functional and dysfunctional contexts. Through readings, class discussion, and lecture, we will address how emotions can both be vital for survival yet at the heart of so many mental disorders.

prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000
3 hrs.
3 cr.

PSYCH 34400 - Clinical Psychology

Clinical psychologists engage in a wide range of activities including research, teaching, assessment, administration, consultation. This course will discuss controversial issues regarding how to best define clinical psychology in a modern health practice context.

prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000
3 hrs.
3 cr.
PSYCH 36100 - Psychological Tests

GER
3/B

Introduction to the principles of psychological assessment; major methods of measuring general ability, aptitude, achievement, interest, personality. Appraisal of psychological tests.

prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 21000
3 hrs
3 cr.

PSYCH 38600 - Current Topics in Clinical Psychology

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of clinical psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

prereq: PSYCH 22300 (Abnormal Psychology); PSYCH 24900 or 25000. Open only to psychology majors.
3 hrs
3 cr.

Health Psychology

PSYCH 24200 - Health Psychology

GER
3/B

Psychological and behavioral factors related to physical illness and health promotion, including such areas as aging, stress and coping, pain, addiction and eating disorders.

Writing Intensive

prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 36200 - Psychological Determinants of Health Disparities

Current research, theory, and applications related to the psychological determinants of health disparities that are experienced as a function of population characteristics, including race/ethnicity, gender, age, socioeconomic status, and sexual orientation.

prereq: PSYCH 24900 -or- 25000; PSYCH 24200. Open only to psychology majors.
3

PSYCH 36300 - Health Behavior Change

A theoretical and practical introduction to health behavior change. The course explores the social and behavioral theories that guide understanding of health behavior and describes how these theories are translated into testable interventions for health promotion, risk reduction, and treatment.
PSYCH 36400 - Sexuality and Health

This course reviews the field of sexual health research, sexual health policy, and sexual health education and intervention, as well as specific topics such as the role of gender, sexual orientation, and personal motivation in sexual health.

prereq: PSYCH 17000 (Psychology of Human Sexuality); PSYCH 24200 (Health Psychology); PSYCH 24900 or 25000. Open only to Psychology Majors.
3 hrs
3 cr.

PSYCH 36500 - Coping with Chronic Disease

Focuses on current knowledge of psychological adjustment to chronic health conditions, including - intrapersonal, interpersonal and social determinants of adjustment using theory and empirical evidence within a stress and coping framework. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field.

prereq: PSYCH 24200, PSYCH 24900 or 25000. Open only to Psychology majors.
3 hrs
3 cr.

PSYCH 36600 - Interpersonal Relationships and Health

This course will familiarize students with current research, theory, and applications related to interpersonal processes and health, emphasizing emotional as well as physical health. It will broadly consider the literature in health psychology and relationship science and therefore maintains a biopsychosocial perspective of health and well-being.

prereq: PSYCH 24200 (Health Psychology) or PSYCH 23000 (Social Psychology); PSYCH 24900 or 25000; Open only to psychology majors.
3 hrs
3 cr.

PSYCH 36700 - Biological and Social Bases of Addictive Behavior

A biopsychosocial approach to understanding risk factors, onset, course, treatment considerations and prognosis for common addictive behaviors. It explores the neurobiological, psychological, pharmacological, and cultural themes that unify the understanding of addictive behaviors.

prereq: PSYCH 24200 (Health Psychology) or PSYCH 22300 (Abnormal Psychology); PSYCH 24900 or 25000; PSYCH 30000 (Physiological Psychology). Open only to psychology majors.
3 hrs
3 cr.

PSYCH 38700 - Current Topics in Health Psychology
Contemporary knowledge and issues in the scholarly literature in a focused area of health psychology. Emphases on interdisciplinary approaches and critical thinking, including links to theoretical and empirical foundations of the field. Topics vary each term.

**prereq:** PSYCH 24200; PSYCH 24900 -or- 25000; Open only to psychology majors

3 hrs

3 cr.

---

**The Africana & Puerto Rican/Latino Studies Minor**

The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

---

**Nursing Dual Degree: Hunter/Queensborough Community College**

This is an early entry into the RN-to-BS program for students at Queensborough Community College. They are granted acceptance to Hunter after their freshman year if they satisfy certain GPA and course requirements. See the Queensborough website for further information about this phase of the dual degree.

The Hunter portion of the curriculum follows the Nursing RN-to-BS curriculum with one exception. NURS 37900 Nursing and Societal Forces in the Health Care Delivery System is taken at QCC as NU-204.

---

**Accelerated BS/MS in Nutrition (DPD)**

This accelerated pathway is for third year NFS majors who are interested in completing their degree and then continuing at Hunter to obtain a master's degree and verification statement (students will be provisionally accepted into the program in their junior year but must maintain grade requirements to matriculate into the MS-DPD program).

This accelerated pathway provides the opportunity for undergraduate students to remain at Hunter for their graduate coursework providing students the opportunity for academic acceleration to a graduate degree.

Students will be admitted to this 5-year accelerated BS/MS program in the Fall semester only. The student must have completed the following pre-requisite coursework required for both the Undergraduate and Graduate Nutrition Programs by the end of Spring semester of the Junior Year.

Since the MS-Nutrition curriculum meets the didactic program in dietetics (DPD) requirements established by the Accreditation Council for Education in Nutrition and Dietetics (ACEND), the credentialing arm of the Academy of Nutrition and Dietetics (AND), it will qualify students from this BS/MS accelerated track to apply for Dietetic Internships and continue their professional preparation for the Registered Dietitian (RD) credential.

To become an RD, students must have:

- *Completed a minimum of a bachelor's degree* at a US regionally accredited university or college
- *Completed the DPD coursework (didactic program in dietetics)* approved by the the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND),
- *Completed an ACEND-accredited supervised practice program* such as a dietetic internship (DI). The Hunter DI is described in the graduate catalog and online at www.hunter.cuny.edu/schoolhp/nfs. For further information on the Hunter DI, contact Prof. Ann Gaba at agaba@hunter.cuny.edu.
- *Passed a national examination* administered by the Commission on Dietetic Registration (CDR).
Career Opportunities for students graduating with this accelerated BS/MS:

Dietetics is an allied health profession which focuses on the food and nutrition intake of individuals and its relationship to health. Registered dietitians are trained in the sciences and are able to translate scientific findings and help people live healthy lives. Major areas of practice include clinical, community, management, and consultant dietetics. More than half of all dietitians and nutritionists are found to work in hospitals, nursing homes, and physician's offices and clinics. More information about career opportunities may be found on the Academy of Nutrition and Dietetics's website at [http://www.eatright.org](http://www.eatright.org)

Academic Requirements for Entry into the BS-MS

Students must be able to complete the NFS major and graduation requirements in about 96-102 credits, must have an overall GPA of 3.5 and prerequisite GPA of 3.2 or better to be considered.

Prerequisite courses

**CHEM 10000 (STEM) - Essentials of General Chemistry Lecture**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
**GER**
GER 2/E

Essential facts, laws, and theories of general chemistry. Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.

*prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*

4 hrs (3 lec, 1 rec)
3 cr.

**CHEM 10100 - Inquiries into the Nature of Matter**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**GER**
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students. Primarily for nursing, nutrition and food science and public health students.

3 hrs
3 cr.

**CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture**
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
fall only

BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, exetary, endoine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
spring only

BIOL 23000 - Fundamentals of Microbiology

GER
3/B
Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.

Not accepted for credit toward the biology Major I.

**prereq:** CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200

5 hrs (2 lec, 3 lab)

3 cr.

**spring only**

**NFS 14100 - Nutrition**

**Hunter Core**

Scientific World (SW)

Fundamentals of the science of nutrition as they apply to individuals and society.

Open to all students.

3 hrs

3 cr.

**NFS 13100 - Food Science I**

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.

Open to all students.

3 hrs

3 cr.

**STAT 11300 - Elementary Probability and Statistics**

**Hunter Core**

Math/Quantitative Reasoning

GER

1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

**prereq:** A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam

**prereq or coreq:** ENGL 12000

3 hrs

3 cr.

**Students take graduate courses after completing 96 credits**

Students must have completed the NFS major and academic requirements for their undergraduate degree in about 96 credits, must have an overall GPA of 3.5 and pre-requisite GPA of 3.2 or better to be considered. However, a 3.5 GPA in and of itself does not guarantee admission.

Undergraduates admitted to the program take graduate courses during their senior year and will be able to complete the MS-DPD degree one year after they complete the requirements for the BS (NFS) degree. These students will be
admitted directly into the MS-DPD program without having to take the GRE exam. Upon completion of the requirements for the MS degree, both the BS and MS degrees will be awarded. These students will pay undergraduate tuition rates up to the number of credits required to earn a baccalaureate degree (120 cr) and credits taken after that number toward the combined dual degree will be paid at the graduate level. Students interested in this accelerated program should speak to the adviser in the Nutrition track during their sophomore year to review the curriculum path for the five-year program.

Students who have been provisionally accepted into the BS-MS program but who do not maintain the required GPA will not be allowed to continue but will be eligible to receive a BS (NFS) degree from Hunter provided that they fulfill all other academic requirements for their undergraduate degree.

Curriculum Requirements

The accelerated BS/MS is a 137-credit program.

For a list of the graduate courses, please visit the graduate catalog.

BS/MS in Nutrition & Food Science/Integrated Program in Nutrition & Dietetics (BSNFS/MS-IPND)

BS NFS Program

A. Admission Requirements*(11-23.5 credits)

Students must have a minimum cumulative GPA of 2.800 and have earned a minimum of 30 credits overall. Credit/No Credit grades are not accepted in this program.

1. Statistics, with a minimum grade of C: can be fulfilled by STAT 11300 or any other college-level Statistics course; or PSYCH 24800, SOC 24100, ECO 22100, MATH 12400, MATH 12500, MATH 12550 (Pre-Calculus), MATH 15000, MATH 15200 or transfer equivalents. Also acceptable: AP Exam score 4-5 in Statistics or Calculus; CLEP score of 50 in Calculus or PreCalculus.

2. One semester of General Chemistry with lab, with a minimum grade of C: can be fulfilled by CHEM 10000 and CHEM 10100; or CHEM 10200 CHEM 10400 and CHEM 10600; or CHEM 10200 and CHEM 10100 or transfer equivalents (e.g. CHEM 10200 and CHEM 10300); or any other college-level general chemistry lecture/lab combination. Also acceptable: AP Exam score 4-5 in Chemistry.

3. One semester of Organic Chemistry with lab, with a minimum grade of C: can be fulfilled by CHEM 12000 and CHEM 12100; or CHEM 22200 and CHEM 22300 or transfer equivalents; or any other college-level organic chemistry lecture/lab combination.

4. Students have one opportunity to repeat each required admission course in which the grade earned was below the required minimum. *These courses may be counted for credit in more than one program and can be shared with other degree requirements including majors, minors and the Hunter Core Requirement.

B. Additional Major Requirements*(17-18 credits)

To remain in the major and continue to Core Requirements, students must successfully complete the following courses with a minimum grade of C. Credit/No Credit grades are not accepted in this program.

1. Two semesters of Anatomy & Physiology, with a minimum grade of C in each course; can be fulfilled by BIOL 12000 and BIOL 12200 or transfer equivalents with a grade of C or higher. Also acceptable: One semester of Anatomy and one semester of Physiology from transfer coursework.
2. One semester of Microbiology with lab can be fulfilled by BIOL 23000 or transfer equivalent.
3. NFS 13100 Food Science I or transfer equivalent. (3)
4. NFS 14100 Nutrition or transfer equivalent. (3)

Progress Standards for A and B:

1. Completion of these credits with a minimum cumulative GPA 2.800. Students who fail to earn the required grade for progression must meet with their advisor to formulate a plan for progression.
2. Course repeat policy: Students have one opportunity to repeat each admission required course and major course in which the grade earned was below the required minimum.
3. Credit/No Credit grades are not accepted in this program. *These courses may be counted for credit in more than one program and can be shared with other degree requirements including majors, minors and the Hunter Core Requirement. including majors, minors and the Hunter Core Requirement.

C. NFS Major Course Requirements (24 credits)

Select 24 credits from the following (3 credits each unless otherwise noted):

- NFS 33200 Cultural Foods (3)
- NFS 33300 Nutrition Education (3)
- NFS 34100 Advanced Nutrition (3)
- NFS 34200 Nutrition and Human Development (3)
- NFS 36100 Food Policy (3)
- NFS 40200 Intro to Research Methods (3)
- NFS 40300 Nutrition for Exercise & Sport (3)
- NFS 44100 Community Nutrition (3)
- NFS 44351 Practicum in Nutrition and Food Science (3) Any NFS course at the 200 level or above
- NFS 48031 AND/OR NFS 48032 OR NFS 48001 AND/OR NFS 48002 AND/OR NFS 48003 Independent Study 1, 2 and/or 3 credits, all repeatable (for a maximum of 6 credits applicable to the major).
- NFS 49000 Honors in Nutrition and Food Science (3)
- PH 33000 Principles of Epidemiology (3)
- BIO 28000 Biochemistry or equivalent (3) (a required course for BS/MS program-- NFS majors interested in consideration for the BS/MS must take Biochemistry (ex: BIO 28000) by summer senior year or earlier, with minimum grade of C or higher, so as to qualify for NUTR MS coursework) Any class approved by NFS faculty advisor

Note: Credit/No Credit grades are not accepted in this program. Any class with approval of NFS faculty advisor

II. BS/MS Application Process

Academically strong NFS majors who meet the admissions requirements given below can apply to the BS/MS IPND accelerated program.

Admission Requirements to the BS/MS IPND Program:

Upper-division undergraduates who have completed 96 credits (CUNY/HC Core and NFS major coursework) may qualify for this competitive accelerated degree if s/he

1. is an NFS-BS major;
2. has fulfilled all NFS-BS & Hunter/CUNY coursework by junior Spring/Summer semester
3. has completed BIOL 28000 Biochemistry or equivalent
4. has a university grade point average of at least 3.5 and 3.2 GPA in all required sciences with no grade less than C;

5. completes the Nutrition Program's BS/MS application January (pre-Spring) of junior year, and receives acceptance to the BS/MS by the Nutrition Program Director. If accepted, BS/MS students will begin graduate courses senior (4th) year and complete graduate courses in one additional (5th) year if attending full-time. Upon completion of all coursework, students receive both a BS and MS degree. Students pay undergraduate tuition up to the 120 credit required of a baccalaureate degree, with graduate credits taken beyond 120 charged at the graduate tuition level.

Program Progression:

Students who have been provisionally accepted into the BS/MS but who do not maintain the required GPA in undergraduate NFS major coursework will not be permitted to take MS courses, but will be eligible to receive a BS (NFS) degree from Hunter provided that they fulfill all other academic requirements for their UG degree.

III. MS Nutrition -IPND Program

(53 credits; 3 credits; each unless otherwise noted)

NUTR Core Courses (6 credits)

- PH 75000 Fundamentals of Biostatistics or equivalent
- NUTR 72500 Nutrition Research

NUTR IPND Courses

- NUTR 71500 Food Service & Management
- NUTR 72000 Community Nutrition Education
- NUTR 73300 Nutrition & Human Development
- NUTR 73100 Advanced Nutrition I
- NUTR 73200 Advanced Nutrition II
- NUTR 73400 Clinical Nutrition I
- NUTR 73500 Clinical Nutrition II
- NUTR 74600 Nutrition & Disease
- NUTR 74700 Advanced Nutrition & Assessment Lab (1 credit)
- NUTR 74800 Nutrition Assessment and Counseling (3 cr)
- NUTR 75600 Food Science & Environment
- NUTR 75700 Food Science & Environment Lab (1 credit)

NUTR Culminating Experience (3 credits)

- NUTR 78000 Capstone or NUTR 79000 Thesis

Dietetics Courses (12 credits; 3 credits each)

- NUTR 70000 Seminar in Dietetics Practice
- NUTR 70100 Pre- Professional Practice-Clinical
Minor in Accounting

A minor in accounting is available. These courses may be used for CPLicensure in New York State, but represent only 15 of the 69 credits required.

The Minor consists of 15 credits

with the following required courses:

- ACC 27100 - Accounting I
- ACC 27200 - Accounting II

and Three of the following courses for the Financial Accounting Track 1
- ACCP 37100 - Intermediate Accounting I
- ACCP 37200 - Intermediate Accounting II
- ACCP 37400 - Managerial Accounting (Cost Accounting)
- ACCP 47100 - Advanced Accounting I

or Three of the following courses for the Law and Taxation Track 2 (ACCP 37300 strongly recommended)
- ACC 28000 - Business Law I
- ACCP 37300 - Federal Income Taxation
- ACCP 38000 - Business Law II
- ACCP 47300 - Business Taxes
- ACCP 48000 - Business Law III

Minor in Africana & Puerto Rican/Latino Studies

The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

Minor in Anthropological Archaeology

The Anthropological Archaeology Minor introduces students to the study of past human societies and cultural diversity from an anthropological perspective. The minor consists of a minimum of 12 credits from the courses listed below, or other courses with the approval of the departmental undergraduate advisor. Only one non-AN-C course from the following list may count towards the minor. In order to graduate with an Anthropological Archaeology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Courses for the Minor

ANTHC 12600 - Introduction to Prehistoric Archaeology
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

ANTHC 12700 - Methods In Archaeological Science

Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 22600 - Archaeology of Africa

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 32000 - Problems in Anthropology

GER
3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.
prereq: perm instr.
3 hrs
3 cr.
offered every sem.
ANTHC 32600 - Rise of Old and New World Civilizations

GER
3/B

Theoretical and empirical examination of development of urbanism and state, in the Old and New Worlds.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 32700 - Prehistoric Cultural Ecology

GER
3/B

Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr
3 hrs
3 cr.

ANTHC 34600 - Analytic Methods in Archaeology

GER
3/B

Theory and methods of analysis of materials recovered from archaeological excavations and surveys.
prereq: ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr.

ANTHC 42600 - Seminar in Archaeological Field Methods

Pluralism and Diversity
See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

Non ANTHC Courses:

ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E
The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

**CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr.

**GEOG 10100 - People and Their Environment**

**Hunter Core**
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

**GEOL 10000 - Introduction to Geology**

**Hunter Core**
Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
Minor in Anthropology

The Anthropology Minor provides students an overview of the discipline through survey courses in each of the four primary subfields of anthropology. It is designed to help students appreciate the significance of, and relations between, language, biology, and culture, for human beings past and present. The minor consists of four courses for a total of 13 credits. In order to graduate with an Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

The minor includes the following three required courses:

**ANTHC 10100 - Introduction to Cultural Anthropology**

Hunter Core
- Individual and Society (Social Sciences) - I&S SS
- Pluralism and Diversity
- PD/A
- GER
- 2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

3 hrs
3 cr.
offered every sem.

**ANTHC 12600 - Introduction to Prehistoric Archaeology**

Hunter Core
- World Culture and Global Issues (WCGI)
- GER
- 2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs
3 cr.
offered every sem.

**ANTHC 15100 - Introduction to Linguistics**

Hunter Core
- World Cultures and Global Issues (WCGI)
- GER
- 2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
Plus one additional course selected from the following two options:

**ANTHP 10100 (STEM) - Human Evolution**

*Hunter Core*
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.

*6 hrs (3 hrs lec, 3 hrs lab)*

*4 cr.*

*offered every sem.*

**ANTHP 10200 (STEM) - Human Variation**

*Hunter Core*
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
GER
2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.

*6 hrs (3 hrs lec, 3 hrs lab)*

*4 cr.*

*offered every sem.*

**Minor in Arabic and Minor in Arabic Studies**

Return to Classical and Oriental Studies

Two 12-credit minors are offered by the Arabic Language, Literature, and Culture Division of the Department of Classical and Oriental Studies: Arabic and Arabic Studies.

**Minor in Arabic**

The minor in Arabic requires the successful completion of

**ARB 20100 - Intermediate Arabic I**

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

*prereq: ARB 10200 or equiv.*

*3 hrs*

*3 cr.*
ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.

*prereq:* ARB 20100 or equiv.

3 hrs
3 cr.

ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic

*prereq:* ARB 20200 or equiv.

3 hrs
3 cr.

ARB 30200 - Advanced Arabic II

Continuation of ARB 30100

*prereq:* ARB 30100 or equiv.

3 hrs
3 cr.

or their equivalent as determined by the Arabic Program Head.

ARB 24900 - Special Topics in Arabic Dialects

The goal of this course is to teach students oral communication in spoken Arabic, as well as to impart cultural knowledge relevant to a student living in or visiting the Arab World. This course is closed to native speakers and heritage learners of Arabic. The dialect taught in this course will depend on student demand and the instructor.

*prereq:* ARB 20200

3 hrs
3 cr.

ARB 40100 - Focused Arabic Study for Advanced Students

**Pluralism and Diversity**
P/D A
A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

*prereq:* ARB 30200

3 hrs
3 cr.

can count toward the minor

**Arabic Studies Minor**

At least 2 Arabic language classes taken at Hunter
- ARB 10100 Beginning Arabic I
- ARB 10200 Beginning Arabic II
- ARB 24900 Special Topics in Arabic Dialects
- ARB 20100 Intermediate Arabic I
- ARB 20200 Intermediate Arabic II
- ARB 30100 Advanced Arabic I
- ARB 30200 Advanced Arabic II

or at a program approved by the Arabic Program Head and at least two ARB courses taught in English.

For students who test out of ARB 30200 without having taken any Arabic courses at the university level, the Arabic Studies Minor can be achieved by taking at least 4 courses from the ARB courses taught in English.

Total credits for the minor: 12

Arabic Courses

ARB 10100 - Beginning Arabic I

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Language Proficiency Requirement

3 hrs
3 cr.

ARB 10200 - Beginning Arabic II

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.

prereq: ARB 10100 or permission of Head of Arabic Program.

3 hrs
3 cr.

ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academy. The course is not open to students who have taken the ARB 10100-30200
sequence.

prereq: perm of division head
3 hrs
3 cr.

ARB 14900 - Spoken Egyptian Arabic

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic.

prereq: ARB 10200 and permission of instructor
3 hours
3 credits

ARB 15000 - Introduction to Modern Arab Cultures

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D A

This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs
3 cr.

ARB 20000 - Topics in Arabic Literature and Culture

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

prereq: ENGL 12000 or equivalent
3 hrs.
3 cr.

ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

prereq: ARB 10200 or equiv.
3 hrs
3 cr.

ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.

prereq: ARB 20100 or equiv.
3 hrs
3 cr.

ARB 24800 - Intermediate Arabic for Heritage Speakers
This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book. The course is not open to students who have taken the ARB 10100-30200 sequence.

**prereq:** ARB 14800 or Arabic Program head's permission

3 hrs

3 cr.

**ARB 24900 - Special Topics in Arabic Dialects**

The goal of this course is to teach students oral communication in spoken Arabic, as well as to impart cultural knowledge relevant to a student living in or visiting the Arab World. This course is closed to native speakers and heritage learners of Arabic. The dialect taught in this course will depend on student demand and the instructor.

**prereq:** ARB 20200

3 hrs

3 cr.

**ARB 25000 - The Arab Novel (in translation) (W)**

**Hunter Core**

Creative Expression (CE)

Pluralism and Diversity

PD/A

GER

2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

**prereq:** ENG 22000 or equiv.

3 hrs

3 cr.

**ARB 25100 - Arab Cinema (in translation)**

**Hunter Core**

Creative Expression (CE)

Pluralism and Diversity

PD/A

GER

2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 credits

**ARB 25200 - Literatures from the Islamic World (W)**
ARB 25300 - Literatures and Cultures of Muslim Spain (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

ARB 25400 - The Arabian Nights East and West (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

ARB 25500 - Modern Palestinian Culture

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
ARB 25600 - Modern Arab Theatre

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A
Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.

3 hrs
3 cr.

ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.

3 hours
3 credits

ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic

prereq: ARB 20200 or equiv.

3 hrs
3 cr.

ARB 30200 - Advanced Arabic II

Continuation of ARB 30100

prereq: ARB 30100 or equiv.

3 hrs
3 cr.

ARB 40100 - Focused Arabic Study for Advanced Students

Pluralism and Diversity

PD/A

A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

prereq: ARB 30200
Minor in Art History

The Art History minor requires students to take 12 credits in Art History as follows: ARTH 11100 - Introduction to History of Art, followed by 9 credits selected from the other department offerings. No more than 6 credits transferred from another institution may be applied to the minor.

Minor in Asian American Studies

The interdisciplinary Asian American Studies Minor provides students with focused competence in the histories and contemporary experiences of diverse Asian diasporic communities, including but not limited to those of North America. As one of only a few Asian American Studies programs in the tri-state area, the AASP offers its Minors a unique opportunity to gain the knowledge and skills necessary to make meaningful contributions to the city and nation's growing APA communities.

A Minor consists of a minimum of 12 credits and can be made up of any courses offered by—or cross-listed with—the Asian American Studies Program, excluding ASIAN 360.02 (East Asia to 1600) and ASIAN 360.03 (China since 1800). No more than 6 Minor credits may be transferred from another institution. Please note that a number of 300-level courses in Asian American Studies may be used to satisfy requirements in the ENGL, POLSC, and WGS majors: see individual courses for details.

Minor in Biological Sciences

The minor in Biological Sciences gives students a basic understanding of biology from the molecular and cellular to the organismal and population level. This includes both theoretical aspects presented in lecture as well as practical aspects presented in lab. Flexibility is built into the minor to allow students to select courses corresponding to their interests. In order to minor in Biological Sciences a student must pass four courses resulting in a minor GPA of 2.0 or higher. All students who want a Minor in Biological Sciences must take:

- BIOL 10000 (STEM) - Principles of Biology I and BIOL 10200 (STEM) - Principles of Biology II or BIOL 10000 (STEM) - Principles of Biology I and BIOL 16000 - Honors Principles of Biology II or the equivalent
- two additional courses in Biological Sciences, one of which must be at the 200 level or higher

Number of Credits: A minimum of 12 credits. Transfer credits may be applied. At least 2 courses must be taken at Hunter College.

Minor in Chemistry

A minor in Chemistry consists of 27 – 27.5 credits as follow:

1. Before declaring the minor

Students must complete 11 cr of foundational courses

CHEM 10200 (STEM) General Chemistry I
CHEM 10400 (STEM) General Chemistry II
CHEM 10600 (STEM) General Chemistry Laboratory
2. An additional 13-13.5 credits of course work, including the required courses below

3. One 3-credit elective from Chemistry offerings numbered 300

Required courses for the Minor:

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**

**GER 3/B**

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 10400 with a grade of C or better*

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

**CHEM 22300 - Organic Chemistry Laboratory I**

**GER**

**3/B**

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.  
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.  
Note: Students must register

*prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200*

*coreq: CHEM 22301*

*prereq or coreq: CHEM 22204 OR CHEM 22206*

3 hrs

2.5 cr.

**CHEM 22400 - Organic Chemistry Lecture II**

**GER**

**GER 3/B**

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better*

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

**CHEM 22500 - Organic Chemistry Laboratory II**
Continuation of CHEM 22300.

**prereq:** CHEM 22300

**prereq or coreq:** CHEM 22400

4 hrs
2.5 cr

- Elective: Any 300 Level (3 cr)

**Minor in Chinese**

The Minor in Chinese consists of 12 credits. Students must take four courses at or above CHIN 200-level taught in Chinese. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

**Minor in Classical Archaeology**

These courses will provide the student with a broad overview of the material cultures of the ancient classical and near eastern civilizations and serve as an introduction to the methodologies, investigative techniques and analyses employed in the field of archaeology.

12 credits

1. CLARC 20400 Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

2. CLARC 22100 Greek Archaeology (W)

3. CLARC 22200 Roman Archaeology I: Etruscans, Monarchy, Republic (W)
   -or-
   CLARC 22300 Roman Archaeology II: The Archaeology of the Roman Empire

4. One other course in Classical Archaeology at the 200- or 300-level.
   CLARC 22000 Aegean Archaeology (W)
   CLARC 32100 Archaeology of Egypt (W)
   CLARC 32200 Archaeology of Mesopotamia and Iran (W)
   CLARC 32300 Archaeology of Anatolia (W)
   CLARC 32400 Archaeology of Western Mediterranean
   CLARC 32500 Archaeology of Eastern Mediterranean (W)
   CLARC 32800 Theory and Methods in Classical Archaeology (W)
   CLARC 32900 Problems in Archaeology

Note: CLARC 20400 is a prerequisite for all other Classical Archaeology courses.
Minor in Classical Studies

12 Credits:

1. CLA 10100 - Classical Mythology
2. CLA 20100 - Greek Civilization (W)
3. CLA 20300 - Roman Civilization (W)
4. One course with a CLA or a CLARC prefix at the 200- or 300- level (e.g., literature in translation or upper-level culture courses or CLARC 20400)

Note: CLA 10100, CLA 20100, and CLA 20300 have no prerequisites

Minor in Community Organizing

Requirements

Students are required to take the following courses in sequence (15 cr):

- SW 36000 Introduction to Community Organizing
- SW 37000 Community Organizing Internship and Field Seminar
- SW 46000 Advanced Community Organizing Theory & Practice

Students are required to select two 3 credit electives from a menu of 3 credit elective courses approved by 11 Departments and Programs (see list below): Africana & Latino/Puerto Rican Studies; Anthropology; Community Health; Film & Media Studies; History; Political Science; Public Policy; Psychology; Sociology; Urban Studies; Women & Gender Studies; Asian American Studies. Courses applied by the student for his/her major may not be used to meet this minor's 6-credit elective requirement.

Community Health:

PH 30600 - Social Disparities in Health

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.

prereq: PH 30100
3 hrs
3 cr.

PH 32500 - Environmental Public Health

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.
Minimum GPA to enroll - 2.75

prereq: Any intro Statistic course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 101, or equivalent.
3 hrs
3 cr.

PH 41100 - Community Health Assessment

Introduction to assessing health needs of communities and populations, in preparation for fieldwork.
prereq: PH 33000
3 hrs
3 cr.

Urban Studies:

URBS 10100 - Urban Life: Personal and Observational View (W)

Hunter Core
Individual & Society - Social Science I&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
3 cr.

URBS 20100 - Urban Plans and Policies

GER
2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making.
prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.
3 hrs
3 cr.

URBS 31000 - Methods of Urban Research and Policy Analysis

GER
3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.
prereq: URBS 10200 or perm instr.
3 hrs
3 cr.
Sociology:

**SOC 21700 - Race and Ethnicity**

*Pluralism and Diversity*

PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.

*prereq: SOC 10100*

3 hrs
3 cr.

**SOC 23500 - Community Organization and Action**

GER
3/B

Evaluation of specific local and national action programs.

*prereq: SOC 10100*

3 hrs
3 cr.

**SOC 23700 - Social Welfare Policy**

GER
3/B

Development of welfare institutions. Consequences of welfare services for client and community.

*prereq: SOC 10100*

3 hrs
3 cr.

**SOC 23900 - Child Welfare (W)**

GER
3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it.

*cross-listed WGSP 23900 (W)*

*prereq: SOC 10100, ENGL 12000*

3 hrs
3 cr.

**SOC 25300 - Deviance and Social Control**

GER
3/B

Theories of causation and analysis of particular types of deviance: sexual, criminal, political.
prereq: SOC 10100
3 hrs
3 cr.

SOC 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr.

SOC 25900 - Mass Media, Communication and Public Opinion (W)

GER
3/B

Impact of mass media on public opinion and government action.
prereq: SOC 10100 ENGL 12000
3 hrs
3 cr.

SOC 30700 - Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
prereq: SOC 10100
3 hrs
3 cr.

SOC 30900 - Social Movements and Social Change (W)

GER
3/B

Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.
prereq: SOC 10100
3 hrs
3 cr.

SOC 31700 - Class, Status, and Power
Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.

**prereq:** SOC 10100

3 hrs  
3 cr.

**SOC 31900 - Criminology**

Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.

**prereq:** SOC 10100

3 hrs  
3 cr.

**SOC 32000 - Law, Society and Civil Rights**

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.

**prereq:** SOC 10100

3 hrs  
3 cr.

**Africana & Puerto Rican/Latino Studies:**

**AFPRL 18200 - Culture and Ethnic Identity**

**Hunter Core**  
World Culture and Global Issues (WCGI)

**AFPRL 20500 - African American Politics of Social Change**

**Hunter Core**  
Individual and Society (Social Sciences) -I&S SS  
Pluralism and Diversity  
PD/B  
GER  
2/B

The Civil Rights Movement and social change in U.S. Since 1954.

3 hrs  
3 cr.
AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)

Pluralism and Diversity
PD/B
GER
3/B

Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr.

AFPRL 32100 - Caribbean Migration and New York City (W)

Pluralism and Diversity
PD/A or B
GER
3/B

An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.
prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3 cr

AFPRL 38400 - Poverty in Society (W)

GER
3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.
prereq: successful completion of any 2 AFPRL courses
3 hrs
3 cr.

AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

Pluralism and Diversity
PD/B
GER
3/B

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States.
prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr.

Anthropology:

ANTHC 21800 - The Anthropology of the Civil Rights Movement in the U.S.
This course examines the grassroots struggle to gain equality and justice in the United States, viewed as a social protest movement, from the perspective of cultural anthropology. The course will focus on the major events, themes and issues of the Civil Rights Movement and examine their effect in challenging the American concept of democracy; in changing those who participated in it; and in spawning other social movements that transformed American society and culture.

prereq: ANTHC 10100 or departmental permission
prereq or coreq: ENG 120
3 hours
3 credits

ANTHC 30100 - Gender in Anthropological Perspective

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 32076 - Language, Sex and Gender

cross-listed WGSA 300.53
prereq: ANTHC 15100 or permission from instructor and or department
3 hrs
3 cr.

Psychology:

PSYCH 19000 - Development of Gender Roles

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000

prereq: PSYCH 10000
3 hrs
3 cr.

PSYCH 23000 - Social Psychology

GER
3/B

Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive

prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 23500 - The Psychology of Women

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensive

cross-listed WGSP 23500 (W)

prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 33400 - Cultural Psychology

As our society becomes more multi-cultural, the question of how culture impacts psychological processes is increasingly important. The goal of this course is to expose students to the ways that cultural meanings, practices, and institutions influence and reflect individual human psychologies, with an emphasis on cultural variability in psychological theories and research findings. Topics include but are not limited to: a) What is cultural psychology; b) Research methods in cultural psychology; c) Historical and conceptual issues in cultural psychology d) cross-cultural models of self, attention, perception, morality, memory, human development and health, e) cultural differences in gender effects and f) policy implications of cultural psychology

prereq: ENGL 12000, Completion of PSYCH 24900 or 25000 and PSYCH 23000
3 hrs.
3 cr.

Public Policy:

PUPOL 10000 - Introduction to Public Policy
An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines.

Writing Requirements: This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr.

SOC 21800 - Social Inequality

GER
3/B

Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.

prereq: SOC 10100
3 hrs
3 cr.

Film And Media Studies:

FILM 22700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100
4 hrs
3 cr.

FILM 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100
MEDIA 37000 - The Press and the Public

GER
3/A

Analysis and discussion of relationship of the press to great issues of our time.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 38100 - Propaganda and the Mass Media

GER
3/A

Study of mass media (broadcast, film, print) as forms for propaganda.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 28400 - Women and Media

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed WGS 38400 (W)
prereq: MEDIA 18000
3 hrs
3 cr.

MEDPL 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.
prereq: MEDIA 18000 and MEDPL 20100
3 hrs
3 cr.

History:

HIST 31700 - History of the American City
**Pluralism and Diversity**

**HIST 31800 - History of the American Working Class (W)**

History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000*

3 hrs  
3 cr.

- HIST 3411J - Terror and the Constitution: Free Speech in the U.S. Since 1886 *
- HIST 38225 - LGBT Living in the Global 20th Century *
- HIST 34100 - Race & Racism in U.S. History *
- HIST 34120 - Women and Gender in Islam *
- HIST 38224 - Black Women's History: From Mum Bett to Michelle Obama and Beyond *

**Political Science:**

**POLSC 20900 - Women and Gender in Western Political Thought (W)**

Examines history of political thought from the perspective of gender relations and the treatment of women.

cross-listed WGST 20900

*prereq: ENGL 12000 or its equivalent*

3 hrs  
3 cr.

**POLSC 21200 - Urban Politics (W)**

Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21500 - Public Opinion and Political Participation (W)

GER
3/B

What American people think about politics and how they express it, from polls to elections to demonstrations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21800 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed WGSP 21800 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 22100 - U.S. Immigration Policy (W)

Pluralism and Diversity
PD/B -or- PD/C
GER
3/B

The course focuses on the political development of federal immigration policy, and on historical and contemporary issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.
prereq: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200
3 hrs
3 cr.

POLSC 22800 - Protest Movements in American Politics (W)

Pluralism and Diversity
P/D B or C
GER
3/B

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

POLSC 32000 - Ethnic Politics (W)

Pluralism and Diversity
PD/B
GER
3/B

Major theories and empirical approaches to the study of race, ethnicity, and gender in American politics. Study of identity as an organizing and motivating force in American politics.
prereq: ENGL 12000 and any political science course
4 hrs
4 cr.

POLSC 30500 - Democratic Theory (W)

GER
3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice.
prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

POLSC 30900 - Feminist Political Theory (W)

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.
cross-listed WGST 30900 (W)
prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

-  POLSC 27225 Comparative LGBT Politics *

Women & Gender Studies:

WGS 24400 - Transnational Feminisms

Pluralism and Diversity
PD/C
GER
Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.

prereq: WGS 10000, ENGL 12000
3 hrs
3 cr.

WGSS 15000 - Introduction to LGBTQI Studies

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

3 hrs
3 cr.

WGSS 26600 - Our Bodies, Our Politics

Pluralism and Diversity
PD/C
Sex and sexuality are commonly understood as an innate drive, but as science has recently begun to show, the way we experience sexuality is better understood as a series of connected cultural practices. It is the constructed meaning attached to the act of sex that make up the foundation of our sexuality. This meaning changes across cultures and communities and has historically been a subject of political and legal struggle. From the battle for reproductive rights to laws limiting dildo ownership in Texas, our own bodies and the way we experience them are legislated and controlled.

prereq: ENGL 12000
3 hrs
3 cr.

WGSL 30600 - Gender and Migration

Pluralism and Diversity
PD/B
GER
3/B

This course will explore the multiple intersections between gender and migration. We will study how patterns of migration are fundamentally gendered, how migration affects men and women differently, and how migration policies in sending and destination countries can have gendered outcomes.

prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr.
WGSP 39800 - Community Leadership Seminar (W)

**Pluralism and Diversity**  
P/D C  
By exposing students to scholars, advocates, organizers, service providers and activists involved in welfare policy and anti-poverty work, the course critically engages the social welfare system and its impact on women, people of color, queer people, and the poor. The seminar develops the required skills for leaders, trainers and community organizers.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

- WGSS 30002 - Reproductive Rights in the United States *  
- WGSL 20004 - Gender and Human Rights *  
- WGSL 20010 - Sexuality, Race and Economics *  
- WGSC 20001 - Writings from Detention: Repression, Gender & Politics *  
- WGSP 20003 - Prison Writing Memoirs *  
- WGSP 20010 - Gender, Sexualities & Indigenous Rights *  
- WGSP 20011 - Sex Education and Public Policy *  
- WGSP 20051 - Gender, Disability & Embodiment *  
- WGSP 20057 - Gender & Health Policy *  
- WGSP 20070 - Prison, Human Rights & Gender

Asian American Studies

**ASIAN 23002 - Asian American Communities and Mental Health**

**Hunter Core**  
Individual and Society (Social Sciences) - I&S SS  
**Pluralism and Diversity**  
P/D  
Introduction to psychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery.  
3 hrs  
3 credits

**ASIAN 39002 - Asian American Civil Rights and the Law**

**Pluralism and Diversity**  
P/D  
Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian Americans.  
3 hrs  
3 cr.

Courses followed by ‘*’ are experimental and will be offered only certain semesters. Please check the schedule of classes.
Minor in Computer Science

A minor in Computer Science consists of 13-14 credits of coursework. These credits include the following required courses:

- CSCI 12700 - Introduction to Computer Science (STEM) (3 credits, 3 hours)
- CSCI 13300 - Programming for Everyone (3 credits, 3 hours)
- CSCI 23200 - Relational Databases and SQL Programming, with Lab (3 credits, 3 hours)
- CSCI 23300 - Programming Projects Seminar for Minors (1 credit, 2 hours)

In addition, students will be required to take at least one 3 credit elective selected from Computer Science offerings numbered 13500 or above. Although minors may take any Computer Science course numbered 13500 or above, courses that require only one or more of the above courses as prerequisites include:

- CSCI 13500 - Software Analysis and Design I (4 credits, 5 hours)
- CSCI 15000 - Discrete Structures (4 credits, 4 hours)
- CSCI 26700 - Microprocessors and Embedded Systems (3 credits, 3 hours)
- CSCI 16000 - Computer Architecture I (3 credits, 3 hours)

Minor in Cultural Anthropology

The Cultural Anthropology Minor introduces students to the study of contemporary human cultures through a focus on cross-cultural similarities and differences in such areas as kinship, politics, economics, religion, sexuality, gender, and artistic production. The minor consists of a minimum of 12 credits from the courses listed below, as well as others that may be approved by the departmental undergraduate advisor. In order to graduate with a Cultural Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Courses (12 cr.):

ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core
Individual and Society (Social Sciences) -I&S SS

Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world. 
3 hrs
3 cr.
offered every sem.

ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B
Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.
3 hrs
3 cr.

ANTHC 21400 - The Caribbean: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
3 hrs
3 cr.

ANTHC 21500 - The Anthropology of Black America (W)

Pluralism and Diversity
PD/B
GER
3/B

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.
prereq: ENGL 12000
3 hrs
3 cr.

ANTHC 27500 - Reading Ethnographies (W)

GER
3/B

Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
prereq: ANTHC 10100 or perm instr.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

ANTHC 30100 - Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 30700 - Anthropology of Religion

Pluralism and Diversity
PD/A
GER
3/B

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr.

ANTHC 30900 - Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.

prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 31000 - Politics and Power in Anthropological Perspective

Pluralism and Diversity
PD/A
GER
3/B

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 31100 - Anthropology of Art

Pluralism and Diversity
GER 3/B
Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.
3 hrs
3 cr.

ANTHC 31200 - Anthropological Approaches to Sexuality

Pluralism and Diversity
PD/C
GER
3/B
Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.

**prereq:** ANTHC 10100
3 hrs
3 cr.

**ANTHC 31500 - Applied Anthropology**

**GER**
3/B

Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.

**prereq:** ANTHC 10100 or perm instr.
3 hrs
3 cr.

**ANTHC 31800 - History of Anthropological Theory**

**Pluralism and Diversity**
PD/D
**GER**
3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.

**prereq:** ANTHC 10100 or perm instr.
3 hrs
3 cr.

**ANTHC 32000 - Problems in Anthropology**

**GER**
3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.

**prereq:** perm instr.
3 hrs
3 cr.
*offered every sem.*

**ANTHC 32200 - Family and Household in Anthropology and History**

**Pluralism and Diversity**
PD/C
**GER**
3/B

Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.
prereq or coreq: ANTHC 10100
3 hrs
3 cr.

ANTHC 32500 - Special Projects and Independent Research in Anthropology

GER
3/B

prereq: perm instr.
3 hrs
3 cr.
offered every sem.

ANTHC 35100 - Language in Culture and Society

GER
3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr.

ANTHC 40000 - Honors Projects

prereq: perm chair
offered every sem.

ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

Minor in Dance

The Hunter College Dance Program Minor in Dance (a minimum of 16 required credits) is designed to allow students to pursue a variety of interests in the field, from performance and creative work to analysis, production and pedagogy.

Required courses (a minimum of 16 credits total)

The following 2 courses must be taken prior to declaration of the minor:

DAN 10100 - Fundamentals of Contemporary Dance Technique

GER
GER 2/D

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All
required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**prereq:** N/A
4 hrs.
2 cr.

**DAN 10200 - Dance in Culture**

**Hunter Core**
Creative Expression (CE)
GER
GER 2/D

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

3 hrs.
3 cr.

**Additional required courses**

**DAN 21000 - Contemporary Dance Technique I**

**GER**
3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.

**prereq:** DAN 10100, perm dept., placement class
4 hrs
2 cr.

**DAN 22100 - Improvisation**

**GER**
3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.

**prereq:** Declaration of Dance Major or Dance Minor
4 hrs
1 cr.

I additional dance technique course, selected from the following:

**DAN 10500 - Fundamentals of Ballet**
Introduction to fundamental skills and nomenclature of ballet. May be taken three times for credit with permission of the department.

4 hrs
2 cr.

**DAN 15100 - Global Dance 1**

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.

2 hrs
1 cr.

**DAN 22000 - Contemporary Dance Technique II**

GER
3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

*prereq: DAN 21000, perm dept, or placement class*

4 hrs
2 cr.

**DAN 21500 - Ballet 1**

GER
3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

*prereq: permission of department*

4 hrs
2 cr.

**DAN 25200 - Special Topics: Traditional Dance I**

**Pluralism and Diversity**
GER 3/A PD/A

Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

This course only partially fulfills the electives requirement for the Dance BA degree.

*prereq: placement class*

4 hrs
2 cr.
DAN 31000 - Contemporary Dance Technique III

Pluralism and Diversity
GER 3/A
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.

*prereq: DAN 22000, or perm. depart.*

4 hrs
2 cr.

DAN 41000 - Contemporary Dance Technique 4

Pluralism and Diversity
GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken three times for credit with permission of the department.

*prereq: permission of department*

4 hrs
2 cr.

DAN 22500 - Ballet 2

GER
3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.

*prereq: permission of department*

4 hrs
2 cr.

DAN 35200 - Special Topics: Traditional Dance II

Pluralism and Diversity
PD/A
GER
3/A

Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

*prereq: DAN 25200, perm dept.*

4 hrs
2 cr.

Choose 1 additional dance technique course from the following courses

A minimum of 6 additional credits in dance
A minimum of 6 additional credits in Dance (choices must be approved by Dance Faculty Adviser):

Any DAN course at the 200 level or above (At least one of these must be a 3-credit course)

Participation on one production crew

Participation on one production crew team for a fully produced dance program concert

Note:

Placement in technique courses above the Fundamentals level is by placement class, the first day of class review, recommendation of instructor, or department permission. Repeated courses may not be counted in these requirements.

Minor in Economics

The economics minor consists of a minimum of 12 credits, including ECO 20000 - Principles of Microeconomics, ECO 20100 - Principles of Macroeconomics and two other courses in economics. Accounting and business law courses do not count towards the economics minor.

Minor in English

The English Department offers a 12-credit minor that provides students with an opportunity to pursue interests in literature, language, rhetoric, composition, and creative writing at the intermediate and advanced levels. The prerequisite to declare a minor is ENGL 22000 - Introduction to Writing about Literature (W). Students minoring in English may choose four courses (12 cr.) from among 200- and 300-level literature, language, or writing offerings, with a minimum of two 300-level courses necessary to satisfy the Minor requirements. Students who wish to take Creative Writing workshops in any of the three genres offered (Fiction, Poetry, and Creative Non-Fiction) must first pass ENGL 28500 - Introduction to Creative Writing, with a minimum grade of B.

NOTE: No course below English 2200 counts towards fulfillment of the Minor except ENGL 21800 - Advanced Expository Writing. English minors may not take 400-level courses.

Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000, GEOL 10100, GEOL 10500, GEOL 18000; and
- at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100 *, GEOG 22600, GEOL 28000, or GTECH 20100; and
- at least one course (minimum of 3 credits) from the 300-level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).

*PGEOG 25000 is a prerequisite for PGEOG 25100

Minor in Film

Requirements for the Minor in Film
A. Required Introductory Course (3 cr.)

**FILM 10100 - Introduction to Cinema**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.

3 hrs
3 cr.

*This course may be counted for credit in more than one program.

B. Other Requirements (15 cr)

Three 200-level courses from the following (9 cr)

**FILM 20100 - Close Film Analysis**

GER
3/A

Close study of a selected motion picture.

*prereq: FILM 10100*

4 hrs
3 cr.

**FILM 21100 - Film History I: 1895-1945**

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from the silent era to 1945.

*prereq: FILM 10100*

4 hrs
3 cr.

**FILM 21200 - Film History II: Since 1945**

Pluralism and Diversity
PD/D
GER
3/A
Survey of film history and theory from 1946 to the present.  
*prereq: FILM 10100 or MEDIA 18000*  
4 hrs  
3 cr.

**FILM 22400 - Cinematic Space**

**GER**  
3/A  

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.  
*prereq: FILM 10100, 20100*  
4 hrs  
3 cr.

**FILM 23100 - Studies of Selected Directors**

**Pluralism and Diversity**  
GER 3/A  

Study of aesthetic and cultural implications of authorship as developed and practiced in cinema. May be repeated for credit with a different topic.  
*prereq: FILM 10100, 20100*  
4 hrs  
3 cr.

**FILM 21300 - National Cinema**

**Pluralism and Diversity**  
PD/D or A  
**GER**  
3/A  

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.  
*prereq: FILM 10100*  
4 hrs  
3 cr.

**FILM 23000 - Movies in American Culture**

**GER**  
3/A  

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.  
*prereq: FILM 10100*  
4 hrs  
3 cr.
FILM 21400 - Multicultural Perspectives in Cinema

**Pluralism and Diversity**
GER
3/A

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.

*prereq: FILM 10100*

4 hrs
3 cr.

FILM 21500 - Women and Film

**Pluralism and Diversity**
GER
3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.

*prereq: FILM 10100*

4 hrs
3 cr.

FILM 22200 - Topics in Genre Studies

GER
3/A

Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.

*prereq: FILM 10100*

4 hrs
3 cr.

FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s

**Pluralism and Diversity**
GER
3/A

This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.

*cross-listed WGS A 222.52*

*prereq: FILM 10100*

4 hrs
3 cr.
**FILM 23200 - Experimental Film and Video**

**Pluralism and Diversity**

PD/D  
GER  
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.

*prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).*  
4 hrs  
3 cr.

**FILM 29900 - Special Topics in Film**

GER  
3/A

Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.

*prereq: perm dept.*  
1-3 hrs  
1-3 cr.

**FILPL 27600 - Screen Writing I - The Short (W)**

The Short Fundamentals of writing for film; critiques of original student scripts.

*prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.*  
4 hrs  
3 cr.

Two 300 level courses from the following (6 cr)

**FILM 32200 - Contemporary Film Theory**

**Pluralism and Diversity**

PD/D  
GER  
3/A

This course will address a range of theoretical writings on the cinema that were primarily produced during the 1970s and after.  
Except as otherwise noted, ENGL 12000 is prerequisite for all 30000- and 40000-level courses in FILM.  
*prereq: FILM 10100 and FILM 20100.*  
4 hrs  
3 cr.

**FILM 32300 - Film Technology and Aesthetic Theory**

GER  
3/A

Study of the relationship between film technology and film theory. May be repeated for credit with a different topic.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

**FILM 32351 - Aesthetics of Film Sound**

**GER**

3/A

Examination of the history, theory and aesthetics of the relationship between film sound and image.

Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.

**FILM 32400 - Narrative Strategies**

**GER**

3/A

Study of narrative techniques in cinema

Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

**FILM 32600 - America in American Film and Video**

**GER**

3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.

Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

**FILM 22700 - Representations of Race and Ethnicity in U.S. Media**

**Pluralism and Diversity**

**PD/B**

**GER**

3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
FILM 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100
4 hrs
3 cr.

FILM 33200 - Myths and Images in the Media

GER
3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100
3 hrs
3 cr.

FILM 33400 - Theatricality and the Presentation of Self

GER
3/A

Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and any 200-level FILM course
4 hrs
3 cr.

FILM 34400 - History of Cinematography

GER
3/A

Survey class addressing key developments in the history and aesthetics of cinematography.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and FILM 20100
4 hrs
3 cr.
FILM 39100 - Problems in Film Research

GER
3/A

Study of basic methods of solving problems in the field of cinema studies. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, 20100, 21100 or 21200

3 hrs
3 cr.

FILM 39900 - Studies in Film

GER
3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: variable

3 hrs
3 cr.

FILPL 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 27600

4 hrs
3 cr.

Minor in French Culture and Literature in Translation

This course of study provides the opportunity to students with no knowledge of the French language to be introduced to French Culture & Literature. This minor offers an interesting complement or context to studies in other fields (such as history, philosophy, political theory or women's studies) that have benefited, historically, from French influences. The courses in this minor are to be chosen from a selection of 200-level courses, taught in English, such as:

- FREN 24100 - Early French Civilization: From Gothic to Revolution
- FREN 24200 - Modern French Civilization: From Revolution to Present
- FREN 25100 - French Literature and the Arts
- FREN 25200 - From Symbolism to Surrealism in French Literature
- FREN 25300 - Modern French Theatre: Theory and Practice
- FREN 25400 - Film and the French Novel
- FREN 25500 - New Approaches to Modern French Literature
- FREN 25600 - Dream and Image (W)
- FREN 25700 - Literary Cross-Currents
- FREN 25800 - French Poetry in Translation
- FREN 25900 - French Theatre in Translation
- FREN 26000 - French Novel in Translation (1600-1900)
- FREN 26100 - Modern French Novel in Translation (1900-Present)
Minor in French Language & Culture

Courses Required for the Minor (15 credits)

Prerequisite

FREN 20200 - Intermediate French II

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

prereq: FREN 2000 or three yrs high school French

3 hrs
3 cr.

3 language courses

to be chosen from:

FREN 21100 - Intermediate Grammar and Composition

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.

prereq: FREN 202, 203, or placement by departmental adviser

3 hrs
3 cr.

FREN 22000 - Advanced French Conversation

prereq: FREN 20200 or four yrs high school French

3 hrs
3 cr.

FREN 31100 - Advanced French Grammar

prereq: FREN 20200

3 hrs
3 cr.

FREN 31200 - French Oral and Written Expression

prereq: FREN 20200 or equiv.

3 hrs
3 cr.
2 Culture & Civilization courses

to be chosen from:

**FREN 33500 - French Culture I**

*Pluralism and Diversity*

PD/D

Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.

*Prereq: FREN 20200 or four yrs high school French*

3 hrs

3 cr.

**FREN 33600 - French Culture II**

*Pluralism and Diversity*

PD/D

Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.

*Prereq: FREN 20200 or four years of high school French*

3 hrs

3 cr.

**FREN 33700 - Contemporary French Culture**

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press.

*Prereq: FREN 31100 or 31200 or perm instr.*

3 hrs

3 cr.

**Minor in French Literature**

**Courses Required for the Minor (15 credits)**

**Prerequisite**

**FREN 21100 - Intermediate Grammar and Composition**

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.

*Prereq: FREN 202, 203, or placement by departmental adviser*

3 hrs

3 cr.

**Requirements**

**FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century**
Pluralism and Diversity
PD/D
GER
3/A

 prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

Choose 3 courses from the following

**FREN 34300 - Medieval and Renaissance French Literature**

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as See, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr.

**FREN 34400 - 17th Century French Literature**

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruyère, Mme de Lafayette, La Fontaine, Malherbe, Molière, Pascal, Racine, Mme de Sévigny, Saint Simon.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

**FREN 34600 - 18th Century French Literature**

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.

prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 34800 - 19th Century French Literature (1800-1850)

Pluralism and Diversity  
PD/D  
GER  
3/A  

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.  
FREN 34100 and 34200  
3 hrs  
3 cr.  

FREN 34900 - 19th Century French Literature (1850-1900)

Pluralism and Diversity  
PD/D  
GER  
3/A  

Such authors as Barbey durevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de l'Isle-Adam, Zola.  
prereq: FREN 34100 and 34200  
3 hrs  
3 cr.  

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity  
PD/D  
GER  
3/A  

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Koliès, NDiaye, Peref, Redonnet, Robbe-Grillet, Sarruste.  
prereq: FREN 34100 and 34200  
3 hrs  
3 cr.  

FREN 36000 - French Literature: Special Topics

Pluralism and Diversity  
PD/D  
GER  
3/A  

prereq: FREN 34100 and 34200  
3 hrs  
3 cr.  

FREN 36100 - Middle Ages and the Renaissance: Special Topics
Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr.

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

Minor in Geography
A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGE0 or GTEC prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

**Minor in Geology**

A minor in geology consists of a minimum of 12 credits as follows:

**One course selected (at least 3 credits) from**

**GEOL 10000 - Introduction to Geology**

**Hunter Core**
Scientific World (SW)
**GER**
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

*3 hrs (3 lec, 3 lab)*

*3 cr.*

*Offered fall and spring.*

**GEOL 10100 - Introductory Geology Lab**

**Hunter Core**
Life & Physical Sciences
**GER**
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.

*3 hrs.*

*3 cr.*

**GEOL 10200 - Plate Tectonics and the Earth's Evolution**

**GER**
2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the
fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.

**prereq:** GEOL 10100

5 hrs (3 lec, 2 lab)

4 cr.

*Offered fall.*

**GEOL 10500 - Introduction to Environmental Studies**

**Hunter Core**

Scientific World (SW)

**GER**

2/E (Non lab course)

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.

**prereq:** ENGL 12000

3 hrs.

3 cr.

**GEOL 18000 - Introduction to Oceanography**

**Hunter Core**

Scientific World (SW)

**GER**

2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

**prereq:** Prerequisite: Math Proficient and Reading Proficient/Non degree students

3 hrs

3 cr.

*Offered fall and spring*

and

at least one course (minimum of 3 credits) selected from

**GEOL 20500 - Environmental Geology**

**GER**

3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can
minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.

**prereq:** GEOL 10100  
3 hrs  
3 cr.

**GEOL 23100 - Principles of Geomorphology**

**GER**  
2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.

**prereq:** PGEO 13000 or GEOL 10100  
4 hrs (2 lec, 2 lab)  
3 cr.

**GEOL 28000 - Marine Geology**

**GER**  
3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.

**prereq:** GEOL 10200 or perm instr.  
3 hrs  
3 cr.  
**Fall**

or other approved course, and

at least one course (minimum of 3 credits) from the following list of 300-level courses

**GEOL 33400 - Geomorphology: The Study of Beaches and Coasts**

**GER**  
3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip.

**prereq:** GEOL 23100 or PGEO 23100 or equiv. or perm dept.  
3 hrs  
3 cr.

**GEOL 38000 - Advanced Oceanography: Physics of the Oceans**
The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean. Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.

prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr.

GEOL 38300 - Special Topics in Geology and Oceanography

Intensive courses in various aspects of geology or oceanography. Topics to be announced.
prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sens of geology, perm dept.
1-3 cr.

GTECH 35100 - Field Techniques in Geography

Observation and analysis of physical geography, biogeography and geomorphology of selected areas. Field geographic techniques such as ground-truthing of remotely sensed images, the use of maps, compasses and GPS to navigate. Fee for transportation, lodging and food allowance required.
Material Fee: $300-400
prereq: GTEC 20100, any two additional geography or geology courses, perm dept.
90 hrs field/lab work (3 days lab, 7 days field)
3 cr.
Offered summer intersession (check with dept. in April).

PGEOG 36100 - Global Climatic Change

Open to Jr/Sr only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.
prereq: PGEO 13000 or GEOL 10100 or 10500
PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.

prereq: PGEO 13000 or equiv.
prereq or coreq: PGEOG 13000 or equiv.
3 hrs
3 cr.

or other approved course

Other

A minimum of one lab* or field course** or other approved course with a field component is required

†PGEOG 25000 Earth System Science I (W) (while not counted toward the geology minor) is a prerequisite for PGEOG 36100.

Minor in German

Courses Required for the German Minor

Students with appropriate background may be exempted from some or all Elementary and Intermediate Courses. See department for proper placement.

Elementary and Intermediate German Language Courses (12 credits)

GERMN 10100 - Elementary German I

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners. GERMN 10100 not usually credited without GERMN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

GERMN 10200 - Elementary German II
Continued practice in speaking, reading, writing and comprehending German.

*prereq: GRMN 10100 or equiv.*
3 hrs
3 cr.

**GERMN 20100 - Intermediate German I**

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.

*prereq: GRMN 10200 or equiv.*
3 hrs
3 cr.

**GERMN 20200 - Intermediate German II**

Grammar review and composition. Reading and discussion of selected literary texts.

*prereq: GRMN 20100 or equiv.*
3 hrs
3 cr.

**Note:**

**GERMN 10300 - Intensive Elementary German**

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.

*6 hrs
6 cr.*

**GERMN 20000 - Intensive German 2 and 3**


*prereq: GRMN 10100
6 hrs
6 cr.*

**GERMN 20300 - Intensive Intermediate German**

Covers material of GRMN 201 and 202 in one semester.

*prereq: GRMN 10200, 10300 or equiv.
6 hrs
6 cr.*

12 credits in language and literature taught in German at the 300-level or higher are required for the minor.

**GERMN 30100 - Advanced German Comprehension and Conversation**
Intensive practice in reading and listening to German texts and in conversational German; some essay writing. (Conducted in German)

**prereq:** GERMN 20200 or 20300 or equiv.

3 hrs
3 cr.

**GERMN 38500 - Advanced Topics in German Language Study**

Advanced study of a linguistic phenomenon or of German language for a particular purpose. May be repeated with a different topic or level.

A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

**prereq or coreq:** Will vary with topic

3 hrs
3 cr.

**Note:**

At least 3 of the credits for a German minor must be earned by taking a literature class numbered between GERMN 32000 and GERMN 35900. Students who begin their study of German in college may count 6 credits of Intermediate German instruction towards the minor and will need to take two courses at the 300-level.

**Minor in Hebraic Studies**

Minor: 12 credits

The Hebraic Studies minor requires the successful completion of four HEBR literature and/or culture courses on the 200-level or above, taught in English or in Hebrew. Two Hebrew language courses on 300-level or above may be used toward the minor requirement in lieu of two literature or culture courses.

**Minor in Hebrew**

The Hebrew minor requires the successful completion of 12 credits at the 200-level or above. Courses counted toward the Hebrew minor must be either language courses or have Hebrew as their language of instruction.

**Minor in History**

Students majoring in disciplines other than history may elect a minor in history. The history minor consists of 12 credits. The minor in History is flexible and thus it can provide depth to a variety of majors; students can tailor the minor to suit best their individual interests.

**Requirements**

1. Four history courses of 3 credits each (or 12 credits total) taken for a letter grade (C or better. Courses taken for a grade of Credit/No Credit will not count toward the minor.)
2. Courses must be distributed in at least two geographic fields, i.e. at least one course (3 credits) must be taken in a geographic area different from the other three. (Currently, the geographic areas are defined as U.S., European and World/Non-Western.)

3. At least two courses (6 credits) must be at the 300-level or above. Internships do not count toward completion of the minor, although students completing the minor may elect to include an internship as an additional course. Independent studies (tutorials) and HIST300 are available only to History Majors and, thus, do not count toward the minor.

4. At least two of the courses (or 6 credits) must be taken in the History Department at Hunter College. Courses taken in other disciplines will not count toward the minor unless cross-listed and taken under the appropriate HIST course code. Transfer courses must be approved by the History Undergraduate Advisor.

There are no prerequisites for the minor, although certain courses may have their own prerequisites.

**Declaring a Minor in History**

Students are advised to declare their minor by the beginning of the upper junior semester, but must do it prior to their final semester (that of graduation). Declaration requires a planning session with the History Undergraduate Advisor and completion of the Major/Minor Declaration Form (to be obtained from the One Stop).

**Minor in Human Rights**

The 15 credit minor in Human Rights consists of five 3 credit courses:

1. 2 Core Required Courses
   - Introduction to Human Rights (HR 20000)
   - Internship in Human Rights (HR 25000)

2. Elective Cognate Courses from an approved list
   - The approved list of cognates comprises courses drawn from 16 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses. Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners. To be accepted into the Minor program, a student must have completed HR 20000 with a B and have a cumulative GPA of 3.0.

**Minor in International Relations**

The International Relations (IR) minor is an inter-disciplinary course of study that allows students to examine international relations from different perspectives within a liberal arts curriculum. The International Relations minor introduces students to the major themes in IR: IR theories and approaches, peace and security, international political economy, foreign policy, and international norms and institutions.

**Requirements**

- 15 credit minor—Students are required to complete at least one course from Group A and at least one course from two of the other four categories (Groups B-E).
- Students can take no more than three courses from one department.
- Students may not use more than one 100-level course towards completion of the IR minor.
• Students must complete at least one 300-level course to fulfill the requirements of the IR minor.
• No more than two courses from the student's major can be applied toward the IR minor.

A. IR Theories and Approaches

These courses teach students the skills necessary to think and write clearly about IR.

**ECO 20000 - Principles of Microeconomics**

**GER**
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.

May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.

**ECO 20100 - Principles of Macroeconomics**

**GER**
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.

May be taken prior to or concurrently with ECO 20000.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.

**GEOG 24400 - Political Geography**

**GER**
3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr.

POLSC 11500 - Introduction to International Relations (W)

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Diplomacy, power, war, peace, terrorism, nationalism, imperialism, the UN, structures and processes of world politics.
prereq or coreq: ENGL 12000
3 hrs.
3 cr.

POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)
prereq: ENGL 12000 or its equivalent
3 hrs.
3 cr.

POLSC 37700 - Theories of International Politics (W)

GER
3/B

An examination of the central concepts and issues in international politics that underpin the main theoretical debates in the field.

prereq or coreq: ENGL 12000 and any course in International Relations
4 hrs
4 cr.

B. Foreign Policy and Analysis

These courses emphasize the foreign policies of countries or regions and research design and methods in IR.
POLSC 20600 - Research Design in Political Science (W)

GER
3/B

Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 27600 - Global Issues (W)

GER
3/B

Examination of current global issues using traditional and critical international relations perspectives. Topics vary each semester: population growth, food insecurity, human trafficking, the future of the euro, immigration challenges in Europe, climate change, resource shortages, global poverty, shared values, and other issues.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 27400 - American Foreign Policy (W)

GER
3/B

Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 37800 - Russian National Interest: Past and Present (W)

Pluralism and Diversity
PD/D
GER
3/B

In a contemporary, historical and comparative context, this course will explore the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.
prereq: ENGL 12000 and (POLSC 11500 or POLSC 25000 or POLSC 11700 or POLSC 27000)
3 hrs.
3 cr.

POLSC 38400 - Comparative Foreign Policy (W)
An analysis of why states have different foreign policies and the sources of those differences. Various factors such as power, political culture, religion, regime type, history, economic and state development, and individuals will be explored.

prereq: ENGL 12000 and any course in International Relations
4 hrs.
4 cr.

**ECO 22100 - Economic Statistics**

Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3 hr lecture or 2 hr lecture/1 hr discussion
3 cr.

**POLSC 27100 - International Politics in the Americas (W)**

Pluralism and Diversity
PD/A
GER
3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
cross-listed LACS 43432
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

- HIST 34115 - History of US-Latin American Relations

**C. International Norms and Institutions**

These courses teach students how global cooperation has been achieved through the creation of international law, international norms, and international institutions.

**POLSC 27800 - International Organizations (W)**

GER
3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.
POLSC 28100 - Drugs, Politics and Public Policy (W)

GER
3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.

prereq: ENGL 12000
3 hrs
3 cr.

POLSC 37400 - International Human Rights (W)

GER
3/B

An examination of the origins, substance and processes of human rights in international relations.

prereq: ENGL 12000 and any course in International Relations or Comparative Politics.
3 hrs
3 cr.

POLSC 37500 - International Law (W)

GER
3/B

Theory of and case studies on the nature, sources, practices and efficacy of international law, principles and rules.

prereq: ENGL 12000 and any course in International Relations
3 hrs
3 cr.

POLSC 38300 - Rising Powers, China, the U.S. and World Order (W)

GER
3/B

An examination of global power shifts and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other “BRICS” countries.

prereq: ENGL 12000 and any course in International Relations
4 hrs
4 cr.

GEOG 33500 - International Pollution Issues

GER
3/B
A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events.  
\textit{prereq: GEOG 101 or GEOL 101 or PGEO 130 or perm instr.}  
3 hrs  
3 cr.

**PGEOG 36100 - Global Climatic Change**

**GER**  
3/B  

Open to Jr/Sr only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.  
\textit{prereq: PGEO 13000 or GEOL 10100 or 10500}  
3 hrs  
3 cr.

**D. International Political Economy**

These courses emphasize international trade, finance, and development.

**POLSC 27500 - Politics of the Global Economy (W)**

**GER**  
3/B  

Introduction to International Political Economy (IPE). Examines the dynamic interaction between politics and economics across national borders, including the politics of trade, development, finance, varieties of capitalism, globalization and environmental protection. Not open to students who have taken POLSC 37600.  
\textit{prereq: ENGL 12000 or its equivalent}  
3 hrs  
3 cr.

**POLSC 37600 - International Political Economy (W)**

**GER**  
3/B  

An examination of key concepts in international political economy, such as the politics of trade, the globalization of finance, financial crises, global inequality, and migration.  
\textit{prereq: ENGL 12000 and any course in international relations}  
4 hrs.  
4 cr.

**GEOG 37000 - Geography of Sustainable Development in Developing Countries**

\textbf{Pluralism and Diversity}  
PD/A  
GER
Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.

_prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr._

3 hrs
3 cr.

ECO 33000 - Economic Development

**Pluralism and Diversity**

PD/A

GER

3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.

_prereq: ECO 20000_

3 hrs
3 cr.

ECO 34000 - International Trade

GER

3/B

Theories of international trade and international trade policies.

_prereq: ECO 20000_

3 hrs
3 cr.

ECO 34100 - International Finance

GER

3/B

Theories of exchange-rate determination and open-economy macroeconomic theory and policy.

_prereq: ECO 20100_

3 hrs
3 cr.

SOC 36100 - Development and Globalization (W)

**Pluralism and Diversity**

PD/A

GER

3/B
This course will examine the effort of poor countries to achieve economic and social development, and the possible outcomes of that effort. Effects on social relations and the living standards of the poor majority; the purposes of development, the strategies for development that have been adopted, and the theories which attempt to explain why countries do or do not grow economically.

\textit{prereq: SOC 10100}

\textit{3 hrs}

\textit{3 cr.}

**POLSC 38600 - Politics of Finance**

Examines the ways in which the global financial system operates and intersects world politics. Topics include: financial firms as political actors, income inequality, financial regulation, financial crises, the politics of foreign direct investment, the politics of monetary policy, and the politics of exchange rates.

\textit{prereq or coreq: ENGL 12000 and any course in international relations}

\textit{4 hrs}

\textit{4 cr.}

**SOC 30700 - Migration**

\textbf{Pluralism and Diversity}

\textbf{PD/B}

\textbf{GER}

\textbf{3/B}

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.

\textit{prereq: SOC 10100}

\textit{3 hrs}

\textit{3 cr.}

**SOC 31100 - Population Dynamics**

\textbf{GER}

\textbf{3/B}

Comparative analysis of fertility, mortality, migration trends, and related social factors.

\textit{prereq: SOC 10100}

\textit{3 hrs}

\textit{3 cr.}

**E. International Peace and Security**

These courses focus on peace, security, conflict, violence, war, and terrorism.

**POLSC 28200 - International Security (W)**

\textbf{GER}

\textbf{3/B}

An introduction to basic concepts and problems in the area of international security, this course will explore
explanations for some of the central causes of security/insecurity and peace/war, as well as examine select contemporary security issues.

*prereq: ENGL 12000 or its equivalent
* 3 hrs
* 3 cr.

**POLSC 28300 - Terrorism (W)**

*GER*
* 3/B*

The course will explore the types, causes, and strategies of terrorism as well as the effectiveness and civil liberty implications of counterterrorism strategies. Both contemporary and historical terrorist groups will be considered.

Not open to students who have completed POLSC 27353.

*prereq or coreq: ENGL 12000 or the equivalent
* 3 hrs
* 3 cr.

**POLSC 37900 - War and Strategy (W)**

*GER*
* 3/B*

An examination of strategy and wars between states, within states, and between states and transnational groups. Focuses on how strategy affects the avoidance, outbreak, conduct, and consequences of war and the difficulty of devising strategies that successfully link political ends and military means.

*prereq: ENGL 12000 and any course in International Relations
* 4 hrs.
* 4 cr.

**POLSC 38000 - European Security (W)**

*Pluralism and Diversity
*PD/D
*GER*
* 3/B*

A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the 21st century.

*prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
*coreq: ENGL 12000 and any course in International Relations
* 4 hrs
* 4 cr.

**POLSC 38200 - Causes of War (W)**
An analysis of the causes of war and peace for both civil and interstate wars including especially the role of bargaining, but also the roles alliances, arms races, rivalries, and institutions.

*prereq: ENGL 12000 and any course in International Relations*

4 hrs.

4 cr.

**POLSC 38500 - The Nuclear Age: Nuclear Weapons, War and Peace**

An analysis of how nuclear weapons have influenced international politics and military strategies, why states seek or forego nuclear weapons programs, the policies designed for nuclear nonproliferation, and the risks of nuclear crises, escalation, entanglement with conventional forces, and nuclear terrorism.

*prereq: ENGL 12000 and any course in International Relations*

4 hrs

4 cr.

**Minor in Italian**

**Prerequisite for the minor**

**ITAL 20200 - Intermediate Italian II**

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

*prereq: ITAL 201 or three yrs high school Italian*

3 hrs

3 cr.

The minor of 12 credits utilizes four existing courses, all taught in Italian

**ITAL 31100 - Advanced Italian Grammar**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ITAL 20200 or equiv.*

3 hrs

3 cr.

**ITAL 31200 - Advanced Italian Composition**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ITAL 31100 or equiv.*
ITAL 32100 - Italian Translation

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ITAL 311 or equiv.

ITAL 33100 - Italian Phonetics and Diction

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ITAL 202 or equiv.

Minor in Japanese Language

Fall 2019

The Japanese Language Minor seeks to develop students' understanding of the Japanese language at an advanced level. With higher-level language courses, students will be exposed to more complex oral and written Japanese that will lead to a greater fluency in the language. To this end, the Japanese Language Minor requires completion of a minimum of 12 credits (4 courses). By completing the Japanese Language Minor, students will also have fulfilled the Hunter College language requirement. No grade below B- shall be considered to fulfill the requirements for this minor.

Student must complete the following course

- JPN 20200 Intermediate Japanese II

Students must take at least three of the following courses or an elective course approved by the department head (9 credit hours total)

- JPN 27100 Japanese Reading: Recitation and Comprehension
- JPN 30100 Advanced Japanese I
- JPN 30200 Advanced Japanese II
- JPN 35100 Advanced Japanese Conversation
- JPN 42103 Independent Study in Japanese

Note: Only one 200-level from the 200-level elective courses listed above can be counted toward the minor. Students who place out of JPN 20200 will need to complete 12 credits from the elective list.
Effective Spring 2020

The Japanese Language Minor

To this end, the Japanese Language Minor requires completion of a minimum of 12 credits (4 courses). By completing the Japanese Language Minor, students will also have fulfilled the Hunter College language requirement. No grade below B- shall be considered to fulfill the requirements for this minor.

Students must complete the following course:

- JPN 20200 Intermediate Japanese II

Students must take at least three of the following courses or an elective course approved by the department head (9 credit hours total):

- JPN 27100 Japanese Reading: Recitation and Comprehension
- JPN 30100 Advanced Japanese I
- JPN 30200 Advanced Japanese II
- JPN 30400 Special Topics in Japanese Language
- JPN 35100 Advanced Japanese Conversation
- JPN 40400 Advanced Special Topics in Japanese Language
- JPN 42100 Independent Study in Japanese

Minor in Japanese Studies

The Japanese Studies Minor seeks to develop students' understanding of Japanese culture, while also fostering a broader understanding of Japan's influence in the world. The required culture classes (JPN 25100 and JPN 25200) will give students a foundation specifically in Japanese culture and society, and the additional elective courses offer students the option to customize the aspects of Japan they want to research. This minor is designed to be flexible and accommodate students who do not take Japanese language classes, but rather have an interest purely in Japanese culture. The majority of classes that satisfy this minor are taught in English, however some Japanese language classes can be used to fulfill it. Students who complete the minor will have a well-rounded perspective on Japanese history and contemporary issues that will give insight into Japan. No grade below B- shall be considered to fulfill these requirements.

Students must complete the following courses (6 credit hours)

- JPN 25100 Japanese Culture Before 1600
- JPN 25200 Japanese Culture Since 1600
Students must take at least two of the following elective courses or an elective course approved by the department head (6 credit hours total)

- JPN 27100 Japanese Reading: Recitation and Comprehension
- JPN 35100 Advanced Japanese Conversation
- JPN 42103 Independent Study in Japanese
- ASIAN 21000 Asians in the U.S.
- ASIAN 22001 Asian American Women Writers
- ASIAN 32001 Nation, Self, and Asian Identity
- ASIAN 35152 Asian American Literature and Pop Culture
- FILM 21355 National Cinema: Asian Cinema
- HIST 27700 East Asia to 1600 (W)
- HIST 27800 East Asia, 1600 to the Present (W)

Note: Students may petition for other courses to fulfill the elective requirement. No more than one class from other campuses or universities may be used to fulfill requirements.

Minor in Jewish Studies

The minor in Jewish Studies consists of 12 credits in courses in Jewish studies of which at least 3 credits must be on topics in the history of the Jews or Judaism and at least 3 credits in Jewish literature, thought, religion, or one of the social sciences (sociology, anthropology, or political science). Students can apply to the minor up to 6 credits in Independent Studies (JS 30000 or JS 40000) or fieldwork (JS 31000). Up to six credits in Jewish studies taken at other institutions of higher learning may be applied to the minor. Jewish Studies minors cannot apply any 100-level courses to the minor.

Minor in Journalism

Training future journalists to report the news accurately and ethically is essential to the future of the news industry. While a major or minor in journalism is not a prerequisite to work in the news industry, many news organizations do prefer to hire students that have this credential because these employers are familiar with journalism curricula. This minor offers students the opportunity to pursue an 18-credit minor in Journalism, affording them a potentially beneficial credential when seeking internships, fellowships, or jobs with news organizations. Media Studies majors may earn the Journalism minor and in that event, will be able to count MEDIA 18000 for both the major and the minor.

Courses Required for the Minor (18 credits)

Required courses - 12 credits

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C
Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

**MEDIA 21100 - News Literacy in a Digital Age**

**Hunter Core**
English Comp (EC)
In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

*prereq: ENGL 12000*

3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

**MEDPL 20100 - Reporting and Writing I (W)**

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

*prereq or coreq: MEDIA 18000*

3 hrs
3 cr.

**MEDPL 20200 - Reporting and Writing 2(W)**

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.

*prereq: MEDPL 20100*

3 hrs
3 cr.

**Electives - 6 credits**

**MEDPL 23900 - Entertainment Journalism (W)**

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.

*prereq: MEDPL 20100*

3 hrs
3 cr.

**MEDPL 28300 - Visual Storytelling for Journalists**

This course teaches students how to report and produce visual stories, including hard news, features, formal interviews, and live shots.

*prereq: MEDPL 16000 or FILMP 16000, and MEDPL 20200*
3 hrs
3 cr.

MEDPL 28400 - Radio Reporting and Podcasting

This course teaches students how to report and write a variety of news stories and podcasts for a live radio newscast.

*prereq: MEDPL 20200
3 hrs
3 cr.

MEDPL 29400 - Magazine Writing (W)

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.

*prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 29500 - Online Journalism (W)

This class teaches students to research, pitch, report and write web based stories that include some type of data visualization as well as multimedia elements. Students will also learn how to create a video using that includes text and photos to tell a story and use social media to research news stories.

*prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 29600 - Feature Writing (W)

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.

*prereq: MEDPL 20100
3 hrs
3 cr

MEDPL 29700 - Data Journalism: Telling Stories with Numbers

This course covers the fundamentals of data journalism reporting and visual storytelling using emerging techniques and tools. Students will learn to work with data and basic design to uncover and illustrate news trends and tell interactive data-driven news stories.

*prereq: MEDPL 20100
3 hrs
3 cr.

MEDIA 38600 - Media Ethics

*GER
3/A

This course will acquaint students with important ethical principles and professional norms in the news industry and other mass media. Students will be introduced to theories that inform ethical practice, explore important journalistic
and mass and social media ethical failures and emerging areas of ethical challenges.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 49800 - Internship

Opportunity to gain professional experience.
prereq: MEDIA 18000 and 2 other MEDIA or MEDP courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

MEDPL 37200 - Investigative Reporting (W)

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.
prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.
prereq: MEDIA 18000 and MEDPL 20100
3 hrs
3 cr.

MEDPL 38700 - Mobile Journalism

This course covers the fundamentals of reporting and visual storytelling on current and emerging mobile platforms using a smartphone.
prereq: MEDPL 20200
3 hrs
3 cr.

MEDPL 38800 - Studio News Production

This course teaches students how to collectively produce and present a live newscast, Hunter News Now, on deadline and how to create news content relevant to a Hunter College audience. Students may take this course twice for credit.

prereq or coreq: MEDPL 28300
3 hrs
3 cr.

Minor in Latin or Ancient Greek

Greek: 12 credits beyond GRK 10100/ GRK 10200

Latin: 12 credits beyond LAT 10100/ LAT 10200 or LAT 10700
Minor in Legal Studies

The Legal Studies minor is an interdisciplinary course of study that allows students to examine the role and development of law from different perspectives within a liberal arts curriculum. Legal studies students will be introduced to the study of judicial opinions, theories of law and legal interpretation, the structure and role of legal institutions, and the operation of law in history and everyday life. Law is a central feature of political, social, and economic life. The legal studies minor will prepare students embarking on careers in government, business, or the non-profit sector to think broadly and critically about the nature of law. It will also be extremely helpful for any students planning to pursue graduate study focusing on law or legal institutions, in a wide variety of disciplines. The legal studies program places an emphasis on developing students’ communication skills, interdisciplinary scholarship and a commitment to connect undergraduate education to advanced career opportunities. The core of the legal studies minor, though, is a commitment to the study of law within the liberal arts tradition. While there are many ways for students to prepare successfully for law school, an advantage of the legal studies minor is its ability to help the college identify students planning to apply to law school, to ensure that these students receive guidance on the application process as early as possible, and to give them a solid foundation when they enter law school.

Program Requirements (15 credits)

Students are required to complete at least one course from within each of the three categories below. Students can take no more than three courses from one department. No more than two courses from the student's major can be applied toward the Legal Studies minor. Courses used to fulfill the Legal Studies minor may be used to meet any other degree requirements, including the political science major. Students should be aware that courses listed for this minor may have prerequisites within their home departments.

Foundations of Legal Studies

These courses teach students foundational knowledge and skills that are important for thinking and writing clearly about law.

**PHILO 10600 - Philosophy, Politics and Society**

**Hunter Core**

Individual and Society (Social Science) - I&S SS

**Pluralism and Diversity**

PD/D

**GER**

2/C

Introduction to social and political philosophy.

*3 hrs

*3 cr.

*offered each semester*

**PHILO 17000 - Introduction to Logic and Scientific Method**

**Hunter Core**

Scientific World

An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic;
evaluation of arguments central to empirical science.

3 hrs.
3 cr.

**POLSC 11000 - American Government: A Historical Introduction (W)**

**Hunter Core**

Flexible Core: US Experience in its Diversity

**GER**

1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

*prereq or coreq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**Legal Institutions and Legal Processes**

These courses emphasize the “law on the ground.” They tend to present a more external analysis of the role and operation of legal institutions, actors, and norms.

- ANTHC 32075 Law and Anthropology

**ASIAN 39002 - Asian American Civil Rights and the Law**

**Pluralism and Diversity**

PD/B

Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian Americans.

3 hrs
3 cr.

**HIST 36400 - American Constitutional History, 1783 to 1900**

**Pluralism and Diversity**

PD/D

**GER**

3/B

Development of constitutional thought from the framing of the Articles of Confederation to 1900. Courses at the 300-level and above not offered to freshmen.
MEDIA 39400 - Media and Law in the Digital Age

GER
3/A

This course focuses on how legislative actions and judicial decisions have affected the dissemination of ideas, information and images in American society via print, electronic transmission and new forms of emerging media. Among the topics considered are libel, privacy rights, government data access, copyright, and freedom of expression in the digital age.

prereq: MEDIA 18000
3 hrs
3 cr.

POLSC 21900 - Women and the Law (W)

Pluralism and Diversity
PD/C
GER
3/B

Overview of how local, state and federal laws treat people on the basis of sex.

cross-listed WGSP 21900

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 23800 - The American Legal System (W)

GER
3/B

Civil and criminal law, common law and equity, substantive and procedural law. Emphasis on federal and New York law.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 24000 - The American Judiciary (W)

GER
3/B

The Supreme Court and other federal courts as part of policy-making process in American government.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 30300 - Democracy and Emergency (W)
This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.

*prereq: ENGL 12000 and one course in Political Theory*

**POLSC 31000 - Comparative Legal Systems (W)**

3/B

Comparative study of major legal traditions of the modern world, including common law, civil law, Soviet, Islamic, Chinese, tribal and hybrid systems.

*prereq: POLSC 11000, 23800 or 34000 or 34100 or 34300 or 37500 or any course in comparative politics subfield, or perm instr; ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 34300 - Criminal Law (W)**

3/B

Constitutional problems and judicial decisions regarding search and seizure, right to counsel, self incrimination.

*prereq: POLSC 11000 or 11100 or 23800*

3 hrs
3 cr.

**POLSC 37500 - International Law (W)**

3/B

Theory of and case studies on the nature, sources, practices and efficacy of international law, principles and rules.

*prereq: ENGL 12000 and any course in International Relations*

3 hrs
3 cr.

**SOC 31900 - Criminology**

3/B

Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.

*prereq: SOC 10100*

3 hrs
3 cr.
SOC 32000 - Law, Society and Civil Rights

GER
3/B

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.

_prereq: SOC 10100
3 hrs
3 cr.

The Theory and Practice of Legal Interpretation

These courses emphasize the “law on the books,” the way relative insiders, like legal theorists and judges, talk about the content of law. Courses in this category introduce students to judicial opinions as well as normative theories about the way law should be interpreted.

BUS 23000 - Essentials of Business Law

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable instruments, secured transactions and bankruptcy, business entities. For non-accounting majors only.

Course is used in the Hunter Arts Management Certificate and is an elective in the Hunter Business Certificate.

_prereq: Not open to undergraduate Accounting majors.
3 hrs.
3 cr.

ACC 28000 - Business Law I

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.

_prereq: sophomore standing or perm chair
3 hrs
3 cr.

ECO 37000 - Law and Economics

GER
3/B

Analytical tools of microeconomics are used to examine various aspects of the law, including property, contracts, torts, liability, and criminal and family law.

_prereq: ECO 20000
3 hrs
3 cr.

HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr

MEDIA 36500 - Digital Copyright

GER
3/A

An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-to-peer trading, digital rights management, and third party liability for information service providers.
prereq: MEDIA 18000
3 hrs
3 cr.

PHILO 25200 - Problems of Law and Morality

GER
3/B

Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.
3 hrs
3 cr.

POLSC 34000 - Constitutional Law: Organizing the Government (W)

GER
3/B

Constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.
prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.
POLSC 34100 - Constitutional Law: Civil Rights (W)

GER
3/B

Constitutional problems and Supreme Court decisions regarding race and sex discrimination.

prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.

POLSC 34200 - Constitutional Law: The First Amendment (W)

GER
3/B

Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), religion and assembly.

prereq: POLSC 11000 or 11100 or 23800
3 hrs
3 cr.

Minor in Linguistic Anthropology

The Linguistic Anthropology Minor introduces students to the comparative and interdisciplinary study of language as a cultural resource and speaking as a cultural practice. In its study of the ways in which language and culture are interrelated, linguistic anthropology often draws from linguistics, sociology, psychology, philosophy, communication studies, as well as education, semiotics, and ethnic and literary studies.

Minor in Linguistic Anthropology

The Minor consists of a minimum of 12 credits from any of the following courses, or other courses with approval of the departmental undergraduate advisor. In order to graduate with a Linguistic Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor. Choose from courses below:

ANTHC 15100 - Introduction to Linguistics

Hunter Core
World Cultures and Global Issues (WCGI)

GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

3 hrs
3 cr.

ANTHC 32000 - Problems in Anthropology

GER
3/B
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.

prereq: perm instr.
3 hrs
3 cr.
offered every sem.

ANTHC 35100 - Language in Culture and Society

GER
3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr.

ANTHC 35400 - Grammatical Analysis and Theory

GER
3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr.

ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

Minor in Logic

Currently, logic is studied by three distinct disciplines—Computer Science, Mathematics, and Philosophy. This minor is interdisciplinary and will introduce students to the questions about logic that these disciplines raise, their methods for investigating these questions, and applications these disciplines may find for logic. Symbolic Logic is the foundational course, prerequisite for the current three advanced-level courses. Students must take this course prior to declaring the Minor in Logic. Each of the three disciplines is represented by an advanced-level course:

Foundational Course

This course must be taken before students are able to sign up for the Minor

CSCI 27500 - Symbolic Logic

Sentential logic including symbolizations, truth-value tables, formal derivations. Predicate logic including symbolizations, interpretations, and formal derivations.
Logic in the disciplines of Mathematics, Philosophy, & Computer Science

CSCI 37100 - Advanced Symbolic Logic

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability.

cross-listed PHILO 37500

prereq: PHILO 27500 or CSCI 27500 or MATH 27500

3 hrs

3 cr.

CSCI 37700 - Non-classical Logic

Logic is the systematic and precise study of reasoning—a topic of particular interest to mathematicians and computer scientists as well as philosophers. Philosophers have often functioned as the research and development wing of this collaboration, thinking up and formalizing new logical techniques and systems designed to solve problems that can't be solved by traditional (a.k.a. "classical") logic. This course will be an introduction to some of these non-classical logics, their philosophical motivations, and some of their applications.

cross-listed PHILO 37700, MATH 37700

prereq: PHILO 27500 or MATH 27500 or CSCI 27500

3 hrs

3 cr.

CSCI 37200 - Logic and Computers

This course introduces students to logic and its applications to modeling both computer and real-world systems. Topics include various logics and their applications to modeling systems and reasoning for artificial intelligence, along with proof systems and tools for automated or semi-automated reasoning in these logics.

cross-listed MATH 37200 / PHILO 37200

prereq: CSCI 15000 -or- PHILO/CSCI/MATH 27500

3 hrs

3 cr.

No more than 6 crs. that count towards the minor may be used to fulfill the major in Philosophy.

Total credits required 12

Minor in Mathematics

A minor in mathematics consists of a minimum of 12 credits selected from any of the following courses offered by the Department:

- MATH courses numbered 15000 or above
- STAT 31100
• STAT 31200

Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective mathematics minors consult with an undergraduate mathematics adviser concerning course selection.

Minor in Media Studies

The Minor in Media Studies consists of five courses for a total of 15 credits. At least one 200-level course and at least one 300-level course are required. The other three courses can be at any level. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

Minor in Middle East Studies

The Minor in Middle East Studies seeks to develop students' understanding of the complex and interconnected political, economic, cultural, environmental, linguistic, historical, and religious issues in the region by fostering critical, interdisciplinary and global approaches to the study of the Middle East and its diasporas. To this end, the Minor in Middle East Studies (MMES) requires completion of a minimum of 12 credits (4 courses). In addition, students are encouraged to fulfill the college language requirement through study of a regional language. However, there is no language requirement for the MMES. No grade below B- shall be considered to fulfill these requirements.

Admission to the Minor

Students who have completed at least 3 credits of relevant coursework in Middle East Studies (including regional languages) with an average GPA of 3.0 may apply for admission to the Minor. To declare the Minor, students will complete the Minor Declaration form and meet with the Director. For advising purposes students are encouraged to apply early in their academic careers. Any Middle East Studies related courses taken prior to declaring the Minor shall count toward the 12 credit minimum for the Minor in Middle East Studies. Credits earned toward the Minor in Middle East Studies shall not also count toward the fulfillment of Major or other Minor requirements.

Introductory survey course: 3 cr

All students will take one survey course in Middle East Studies chosen from among the following, or another general survey course subject to approval by the Director:

ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization. 3 hrs
3 cr.

HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)
Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27651 - The Modern Middle East from 1800 to the Present (W)

Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.

prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor
3 hrs
3 cr

POLSC 26300 - Government and Politics in the Middle East (W)

Pluralism and Diversity
PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

Additional courses may be developed to fulfill this requirement

Electives: 9 cr

In addition, students will take a minimum of 9 credits in electives, and must choose at least one class focusing on the Middle East from each of the following three areas of concentration:

I) Historical Formations

II) Society and Politics

III) Arts, Literatures, and Cultures
Students may petition for other courses to fulfill the elective requirement. See list below for currently offered courses that meet these requirements:

- List of Selected Approved Courses for the Minor in Middle East Studies

Students may fulfill 3 of the 9 credit hour elective requirement with advanced language and literature classes (3rd year and beyond), for Area of Concentration III) Arts, Literatures and Cultures. With the approval of the Director, students may take an independent study and one course from outside Hunter College to satisfy the requirements for the Minor.

**Minor in Music**

The music minor consists of 15 credits in music: MUSTH 10100; MUSHL 10100 or MUSHL 10700; one course with an MUSHL prefix at the 200-level; and 6 credits of music electives, 3 of which must be at the 200-level or higher. Prospective minors who have already mastered the material taught in the required 100-level courses (MUSTH 10100 and/or MUSHL 10100 or 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see Music 25-Credit Major - BA). Music minors must substitute more advanced courses in any area of music study, which may include private lessons and ensembles, for the courses from which they are exempt. PLEASE NOTE: Music minors who wish to take private lessons for credit (MUSPF 40100) must first pass both the performance audition and music theory portions of the entrance examination.

**Minor in Philosophy (the Standard concentration)**

Prerequisite to the minor: one of 4 introductory philosophy courses

Chose one:

**PHILO 10100 - Introduction to Philosophy**

**Hunter Core**
Individual and Society (Humanities) - I&S H
GER  
2/C

Examination of basic philosophical questions through study of selected philosophical classics.

*prereq or coreq: ENGL 12000*

3 hrs  
3 cr.  
offered each semester

**PHILO 10400 - Introduction to Ethics and Moral Judgment**

**Hunter Core**
Individual and Society (Humanities) - I&S H
GER  
2/C

An introduction to theories of ethical reasoning and problems of moral judgment. Different theories of the good life and concepts of rightful conduct, especially regarding one's personal life and contemporary social problems, will be considered.
PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) - I&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

Standard Philosophy Minor

The philosophy minor requires 12 credits at the 200-level and above with no fewer than 3 credits at the 300-level. Exceptions: PHILO 17000 may count toward the minor at the 200-level and PHILO 20400 shall not count.

Minimum GPA for the minor

A student must pass a minor in philosophy with a minimum GPA of 3.00.

Note:

Students should always consult with a philosophy department adviser when constructing their minor. Some suggested tracks may be found on the philosophy department website http://www.hunter.cuny.edu/philosophy.

Minor in Philosophy, Politics and Society
A student must take, as a prerequisite to the minor, PHILO 10600. This course does not count toward the PPS minor. The PPS minor consists in taking 4 courses or 12 credits from the philosophy courses listed in the PPS major, at least one of which must be at the 300-level. Non-philosophy courses counting toward the PPS major concentration may not count toward the PPS minor. A student must pass the PPS minor with a minimum GPA of 3.00. Note: When constructing a minor in the PPS concentration, a student should always consult with a philosophy department advisor beforehand.

Minor in Physical Anthropology

The Physical Anthropology Minor introduces students to the study of human evolution, including human variation, paleontology, genetics, and primatology. The Minor consists of a minimum of 12 credits. These must include ANTHP 101 Human Evolution (4 Cr). The remaining credits can be filled by any AN-P courses. Also, one (and only one) non-ANTHP course from the following list may count towards the minor. In order to graduate with a Physical Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Required course for the Minor:

ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

8 or more credits from any of the following courses:

Note: Only one non-ANTHP may be used for the Physical Anthropology Minor.

ANTHP 10200 (STEM) - Human Variation

Hunter Core
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
GER
2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 30100 - Human Fossil Record
Pluralism and Diversity
PD/C
GER
3/B

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.
prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr.

ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr.

ANTHP 31000 - Primate Ecology and Behavior

GER
3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species.
prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
3 hrs
3 cr.

ANTHP 31100 - Primate Evolution

GER
3/B

65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.
prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr.

ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
3 cr.

ANTHP 31600 - Human Evolutionary Adaptations
How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.

prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr.

**ANTHP 40100 - Seminars in Selected Topics**

Course provides in-depth study of specific topics in field of physical anthropology.

prereq: prereq; depends on topic
3 hrs
3 cr.

Non ANTHP Courses:

**ANTHC 12600 - Introduction to Prehistoric Archaeology**

**Hunter Core**
World Culture and Global Issues (WCGI)

**GER**
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs
3 cr.
offered every sem.

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only
BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.

prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100

7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
fall only

GEOL 10000 - Introduction to Geology

Hunter Core
Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

PSYCH 16000 - Evolution and Behavior

GER
2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.

prereq: PSYC 10000

3 hrs
3 cr.

Minor in Physics

A minor in Physics consists of a minimum of 12 credits of PHYS courses, including two courses numbered above 200 or one course numbered above 300. Students who wish to enroll in the Physics Minor must have completed:

- MATH 15000 -and- MATH 15500.
The prerequisites for the 300-level courses include MATH 25000 and/or MATH 25400.

Minor in Political Science

Students minoring in political science must complete 12 credits in political science. No more than three credits can be at the 100-level. No more than three credits in independent study (POLSC 29001-29003) can be used to satisfy the
minor. Internship credits may not be applied toward the minor. The minor in Political Science is designed to provide students with solid grounding in political science and to encourage them to develop depth in the discipline in an area that will complement their major or develop expertise in an area of particular interest to them. The minor in Political Science allows students considerable flexibility in designing a minor that will best serve their academic goals. Students may, for instance, wish to focus on courses dealing with European politics and foreign policy to complement a major in a European language and culture. Students may concentrate their courses in one field of political science, or spread them across several fields. Students may consult an advisor in the Department of Political Science about their goals as they choose courses to satisfy the minor.

**Minor in Political Theory**

The Political Theory Minor provides a concentration of study for students interested in political, social, and legal philosophy or thought, often related to public discourses, practices, and laws. It recognizes the interdisciplinary character of political theory, which operates at the intersection of the humanities and social sciences. It focuses on critical issues of ethics and power in history and the present, along with major authors in the traditions of political philosophy and thought.

The minor program consists of at least 15 credits taken from the courses listed below, or others as approved by the minor program advisor. Students must take at least 6 credits in philosophy and 6 credits in political science, including PHILO 10600 (or another 100-level PHILO course, with permission of the Advisor) and POLSC 20000. At least 3 credits must be taken at the 300-level, and one course must be taken from each of the three Minor categories (listed below). No more than six credits that count towards the student's major may be used to fulfill this Minor.

**1. Required Courses**

**PHILO 10600 - Philosophy, Politics and Society**

_Hunter Core_

Individual and Society (Social Science) - I&S SS

_Pluralism and Diversity_

PD/D
GER
2/C

Introduction to social and political philosophy.

_3 hrs_

_3 cr._

_offered each semester_

**POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)**

_Hunter Core_

Individual and Society (Social Sciences) - I&S SS

_GER_

2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

_prereq or coreq: ENGL 12000 or its equivalent_
2. Current Courses That Count Towards the Political Theory Minor

Minor courses are to be selected from the following list of regularly taught courses or special topics courses in Philosophy or Political Science that pertain to the Minor but are irregularly taught (those interested in the latter should check with the advisor to verify that they may count toward the minor). In addition, one course, with significant theoretical content, offered in, e.g., Anthropology, Classics, Geography, History, Religion, or Sociology, may count toward the Minor, upon approval of the Political Theory Adviser.

History of Political Philosophy and Thought

One Course on figures in, or periods of, political theory, eg., courses in the PHILO 38000 Major Figures in Philosophy (W) topic series:

**PHILO 38010 - Plato (W)**

**GER**

3A

Intensive study of the works and legacy of Plato.

*prereq: Two courses in philosophy, at least one of which is at the 200 level.*

3 hrs

3 cr.

-or-

**PHILO 38011 - Aristotle (W)**

**GER**

3A

Intensive study of the works and legacy of Aristotle.

*prereq: Two courses in philosophy, at least one of which is at the 200 level.*

3 hrs

3 cr.

-or-

**PHILO 38070 - Hegel (W)**

**GER**

3A

Intensive study of the works of Hegel.

*prereq: Two courses in philosophy, at least one of which is at the 200 level.*

3 hrs

3 cr.

-or-
PHILO 38076 - Marx (W)

GER
3A

Intensive study of the works and legacy of Marx (W)

prereq: Two courses in philosophy, at least one of which is at the 200 level
3 hrs
3 cr.

-or-

PHILO 38086 - Foucault (W)

GER
3A

Intensive study of the works and legacy of Foucault.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

-or-

POLSC 20100 - Ancient to Early Modern Political Thought (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

-or-

POLSC 20200 - Modern Political Thought (1600-1900) (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

-or-

POLSC 20300 - Political Thought Since 1900 (W)
Pluralism and Diversity
PD/D
GER
3/B

Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature. 

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

-or-

**POLSC 20900 - Women and Gender in Western Political Thought (W)**

Pluralism and Diversity
PD/C or D
GER
3/B

Examines history of political thought from the perspective of gender relations and the treatment of women. 

cross-listed WGST 20900

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

-or-

**POLSC 30100 - American Political Thought (W)**

GER
3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy. 

*prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.*

3 hrs
3 cr.

Note: For more information on the topic series course click here: PHILO 38000 Major Figures in Philosophy (W)

Basic Concepts and Themes

One course on theoretical or conceptual tendencies in political theory

**PHILO 22600 - African-American Philosophy (W)**

Hunter Core
US Experience in its Diversity (USED)
Pluralism and Diversity
PD/B
GER
3/A
Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.

*prereq: ENGL 12000
3 hrs
3 cr.

-or-

**PHILO 23000 - Feminist Philosophy (W)**

Pluralism and Diversity
PD/C
GER
3/A

Survey of major ideas in feminist philosophy and their practical implications.
*cross-listed* WGST 23000 (W)
*prereq: ENGL 12000*
3 hrs
3 cr.

-or-

**PHILO 24600 - Political Philosophy (W)**

GER
3/B

Study of selected philosophical problems in politics, law, economics and society.
*prereq: ENGL 12000 and one previous course in philosophy.*
3 hrs
3 cr.

-or-

**PHILO 24800 - International Ethics (W)**

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
*prereq: ENGL 12000 and one previous course in philosophy.*
3 hrs
3 cr.

-or-

**PHILO 25500 - Environmental Philosophy (W)**

*Hunter Core*

Individual and Society (Social Sciences) I&S SS

Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.

*prereq: ENGL 12000*
PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of 20th-century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.
prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr.

PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.
3 hrs
3 cr

PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
3 cr.

PHILO 39400 - Philosophical Problems

GER
3/A

Study of one or more major philosophical problems.
prereq: variable (see Program Prerequisites)
3 hrs
3 cr.
POLSC 30200 - Critical Theory and Politics (W)

GER
3/B

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation.

prereq: ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor.
4 hrs
4 cr.

POLSC 30500 - Democratic Theory (W)

GER
3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice.

prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

POLSC 30900 - Feminist Political Theory (W)

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.

cross-listed WGST 30900 (W)

prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

POLSC 31600 - Political Theory of Human Rights (W)

GER
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.
Theoretical Dimensions of Contemporary Controversies

One course on problems or issues in political theory

PHILO 20080 -or-

PHILO 22600 - African-American Philosophy (W)

Hunter Core
US Experience in its Diversity (USED)
Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.

prereq: ENGL 12000
3 hrs
3 cr.

-or-

PHILO 23000 - Feminist Philosophy (W)

Pluralism and Diversity
PD/C
GER
3/A

Survey of major ideas in feminist philosophy and their practical implications.

cross-listed WGST 23000 (W)

prereq: ENGL 12000
3 hrs
3 cr.

-or-

PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

-or-
PHILO 25200 - Problems of Law and Morality

GER
3/B

Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

-or-

PHILO 25500 - Environmental Philosophy (W)

Hunter Core
Individual and Society (Social Sciences) I&S SS
Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.

prereq: ENGL 12000
3 hrs
3 cr.

-or-

PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

-or-

PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
3 cr.

-or-

PHILO 39400 - Philosophical Problems

GER
3/A

Study of one or more major philosophical problems.
prereq: variable (see Program Prerequisites)

3 hrs
3 cr.

-or-

**POLSC 20400 - Contemporary Issues in Political Theory**

**GER**
3/B

Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority. POLSC 20451 Women in Western Political Thought meets PD/D

**prereq:** ENGL 12000 or its equivalent

3 hrs
3 cr.

-or-

**POLSC 30300 - Democracy and Emergency (W)**

**GER**
3/B

This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.

**prereq:** ENGL 12000 and one course in Political Theory

4

-or-

**POLSC 30400 - Contemporary Issues in Political Theory**

**GER**
3/B

Selected topics in political theory.

**prereq:** ENGL 12000 or its equivalent; one course in political theory subfield or perm instr

3 hrs
3 cr.

-or-

**POLSC 30500 - Democratic Theory (W)**

**GER**
3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice.

**prereq or coreq:** ENGL 12000 or its equivalent; one course in political theory or perm instr.

3 hrs
3 cr.

-or-
POLSC 30900 - Feminist Political Theory (W)

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.

cross-listed WGST 30900 (W)

prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.

3 hrs
3 cr.

-or-

POLSC 31600 - Political Theory of Human Rights (W)

GER
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.

prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.

3 hrs
3 cr.

Minor in Psychology

The minor in psychology is designed to expose students to a variety of content areas in the field of psychology and to provide the student with the ability to evaluate psychology research as a consumer. To declare a psychology minor, the student must have completed any 100-level psychology course with a minimum grade of C and a required mathematics course with a minimum grade of C or CR. The mathematics requirement may be satisfied by STAT 11300 or MATH 12500 or by an appropriate score on the mathematics placement test. The minor in Psychology consists of 15 credits in Psychology, as follows: PSYCH 10000 and any other 3 cr. PSYC course; PSYCH 21500 and any 2 200-level PSYC courses below PSYCH 24800. The total number of credits to fulfill all minor requirements, including credits for all prerequisites, is 18: 15 credits in PSYC course and 3 credits in STAT 11300 or MATH 12500.

Minor in Public Health

A new 12-credit minor concentration in Public Health is designed to provide a basic acquaintance with the activities and aims of Community and Public Health. This will be especially useful for students who are majoring in Statistics - BA and aim to seek employment and/or a graduate degree in Biostatistics, students majoring in Social Sciences who are contemplating careers in the medical-care sector, or students interested in public service or social service in the health arena.

Students take a programmed sequence of four courses, offering a basic grounding in public-health thinking and some skills that will be valuable in further study and employment.

Minor
PH 30100 - Introduction to Community and Public Health

An introduction to the study of structural inequalities that contribute to health disparities with an emphasis on communities – geographic, identity-based, or virtual, as the focus for research and intervention.

Minimum GPA to enroll - 2.75
prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100, or equivalent.
3 hrs
3 cr.

PH 30200 - Health Program Planning and Evaluation

Addresses process of program planning, development, and evaluation of health promotion programs. Focus is on development of clear, concise objectives leading to design and evaluation of effective primary, secondary, and tertiary prevention strategies.

prereq or coreq: PH 30100. Open to PH BS, MHC-PH, others by permission of instructor
3 hrs
3 cr.

and two of the following three courses:

PH 32500 - Environmental Public Health

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.

Minimum GPA to enroll - 2.75
prereq: Any intro Statistic course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 101, or equivalent.
3 hrs
3 cr.

PH 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.

Minimum GPA to enroll - 2.75
prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.
3 hrs
3 cr.

PH 40500 - Health Care Systems and Health Policy

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.

prereq: PH 30100
Total Credits required

Total credits required: 12 credits

**Minor in Public Policy**

**Core Requirements**

An 18-credit undergraduate minor in public policy is open to students in all disciplines. In addition to the Core Requirements, students need to take one course in each of the four basic skill areas (political, economic, quantitative and normative analysis).

- PUPOL 10000 Introduction to Public Policy
- PUPOL 40000 Capstone Seminar
- POLSC 11000 American Government: A Historical Introduction
- ECO 20000 Principles of Microeconomics
- Choose one course in Quantitative Analysis: ECO 22100 Economic Statistics -or- POLSC 20600 Research Design in Political Science (W) -or- SOC 21800 Social Inequality -or- STAT 21300 (STEM) Introduction to Applied Statistics
- Choose one course in Normative, Ethical, and Value Analysis. Such courses include but are not limited to: PHILO 10400 Introduction to Ethics and Moral Judgment -or- PHILO 10600 Philosophy, Politics and Society -or- PHILO 24400 Moral Philosophy (W) -or- SOC 21800 Social Inequality -or- POLSC 30500 Democratic Theory (W) -or- POLSC 31100 Utopian Theory (W)

**Minor in Religion**

The Minor in Religion consists of four courses for a total of 12 credits.

- The following two courses are required:
- REL 11000 - Nature of Religion (W)
- REL 11100 - Approaches to Religion (W)
- Also required for the Minor in Religion:
  a) one course to be chosen from those listed under the category “Religious Traditions”; and
  b) one course from the category “Issues in Religion” reflecting a theme central to the religious tradition in which the student has chosen to focus, to be selected in consultation with a Religion Program adviser.

At least one course presented in satisfaction of the minor must be a 300-level course.

**Minor in Russian Language and Minor in Russian Literature and Culture**
The Program will encourage students to take the Russian minor. The minor consists of minimum of 12 credits. Students wishing to minor in Russian should either pass a proficiency test or take the language sequence of RUSS 10100 — RUSS 10200 ; RUSS 20100 — RUSS 20200 . Courses taken toward the Russian minor could follow two tracks:

**Track I: Russian Language Minor**

Prerequisite: RUSS 20200 or equivalent. Students are expected to take: RUSS 30100 & RUSS 30200 ; RUSS 31700 or RUSS 31800 or RUSS 31900; plus one literature course taught in Russian.

**Track II: Russian Literature and Culture Minor**

Prerequisite: RUSS 20200 or equivalent. Students are expected to take: RUSS 30100 & RUSS 30200 and two literature or culture courses conducted either in Russian or in English. Literature courses may be substituted for language courses in the Literature and Culture Minor with permission by the head of the program.

**Minor in Sociology**

The minor in Sociology requires four courses with 12 credits which students have to pass with a GPA of at least 2.0. Students minoring in Sociology must take SOC 10100 - Introduction to Sociology, the prerequisite for all other sociology courses, SOC 22400 Sociological Theory (W) and two additional courses selected from those offered on a regular basis. It is recommended but not required that one sociology course on the 300 or higher level be included.

**Minor in Spanish**

The following courses are required for a minor in Spanish:

**Two language courses (6 credits)**

above the SPAN 20200 (non-heritage speakers) or SPAN 20800 (heritage speakers) level, at least one of which must be a 300-level course. Recommended courses are:

**SPAN 21100 - Spanish Grammar and Composition**

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.

*prereq: SPAN 20200 or 20300*  
*3 hrs*  
*3 cr.*

**SPAN 22100 - Spanish for Oral Communication**

Not for fluent Spanish speakers.

*prereq: SPAN 20200 or equiv. and perm adviser*  
*3 hrs*  
*3 cr.*

**SPAN 27000 - Spanish Composition for Spanish Speaking Students**
prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.

SPAN 31100 - The Structure of Modern Spanish

prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr.

One civilization course (3 credits)

SPAN 33500 - Spanish Civilization

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

Two literature courses (6 credits)

on Spanish or Latin American literature. Recommended courses include:

SPAN 27500 - Readings in Modern Spanish Literature

Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm
3 hrs
3 cr.

SPAN 27600 - Readings in Modern Spanish- American Literature
Representative writers: Borges, Neruda, Cortazar, Garcia Mirquez.

prereq: SPAN 20200, 20300, 20800 21100 or four yrs high school Spanish or dept. perm.
3 hrs
3 cr.

Alternately, students may take 300-level Spanish and Latin American literature courses from the following list by special permission of adviser:

**SPAN 34300 - Spanish Literature of the Middle Ages**

**Pluralism and Diversity**

PD/D

GER

3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the 12th Century, especially in Libro de buen amor.

prereq: SPAN 34100

3 hrs

3 cr.

**SPAN 34500 - Spanish Drama of the Golden Age**

**Pluralism and Diversity**

PD/D

GER

3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.

prereq: SPAN 34100

3 hrs

3 cr.

**SPAN 34600 - Cervantes**

**Pluralism and Diversity**

PD/D

GER

3/A

Don Quijote.

prereq: SPAN 34100

3 hrs

3 cr.

**SPAN 34900 - Spanish Prose of the Golden Age**

**Pluralism and Diversity**

PD/D

GER
Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.

*prereq:* SPAN 34100

3 hrs

3 cr.

**SPAN 35000 - Spanish Poetry of the Golden Age**

Pluralism and Diversity
PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.

*prereq:* SPAN 34100

3 hrs

3 cr.

**SPAN 35300 - Spanish Neoclassicism and Romanticism**

Pluralism and Diversity
PD/D
GER
3/A

Representative works of Neoclassical and Romantic periods, including costumbrismo.

*prereq:* SPAN 34100

3 hrs

3 cr.

**SPAN 35500 - Spanish Literature from Realism to World War I**

Pluralism and Diversity
PD/D
GER
3/A

From Realism and Naturalism through the Generation of 1898 and Modernism.

*prereq:* SPAN 34100

3 hrs

3 cr.

**SPAN 35700 - Early 20th Century Spanish Literature**

Pluralism and Diversity
PD/D
GER
3/A
Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.

**SPAN 35800 - Post-Civil War Spanish Literature**

**Prerequisite:** SPAN 34100  
3 hrs  
3 cr.

Pluralism and Diversity  
PD/D  
GER  
3/A

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.  
**Prerequisite:** SPAN 34100  
3 hrs  
3 cr.

**SPAN 36000 - Spanish-American Literature of the Colonial Period**

**Prerequisite:** SPAN 34100  
3 hrs  
3 cr.

GER  
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence.  
**Prerequisite:** SPAN 34100  
3 hrs  
3 cr.

**SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism**

GER  
3/A

Representative works of 19th century Spanish-American literature.  
**Prerequisite:** SPAN 34100  
3 hrs  
3 cr.

**SPAN 36400 - Spanish-American Modernism and Post-modernism**

GER  
3/A

Modernist and post-modernist authors.  
**Prerequisite:** SPAN 34100  
3 hrs  
3 cr.

**SPAN 36500 - Survey of Spanish-American Teatro**
Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.

*prereq: SPAN 34100
3 hrs
3 cr.*

**SPAN 36600 - Contemporary Latin American Poetry**

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.

*prereq: SPAN 34100
3 hrs
3 cr.*

**SPAN 36700 - Latin American Essay**

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-American history.

*prereq: SPAN 34100
3 hrs
3 cr.*

**SPAN 36800 - Contemporary Latin American Narrative**

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'Boom', novel of the dictator.

*prereq: SPAN 34100
3 hrs
3 cr.*

**SPAN 37000 - Special Topics in Spanish Literature**

*Pluralism and Diversity
PD/D
GER
3/A

May be repeated with different topic.

*prereq: SPAN 34100; permission of adviser.*
Note:

Students may use transfer credits and credits from the Hunter programs in Spain and Argentina up to a maximum of 6 credits. At least 9 credits of the minor must be completed in residence at Hunter.

Minor in Statistics

A minor in statistics consists of at least 12 credits selected from STAT courses offered by the Department. Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective statistics minors consult with an undergraduate statistics adviser concerning course selection.

Minor in Theatre

A Minor in Theatre requires a minimum of 12 credits in the Department of Theatre at the 200-level or higher of which at least 3 credits must be at the 300-level (these are usually at least 3 credits). Minors are required to take all necessary prerequisites for these courses. Minors have access to all courses offered by the Department of Theatre. Minors are encouraged to participate in departmental and student productions. Interested students must meet with the undergraduate advisor in the Department of Theatre to declare a minor and to define their course of study.

Minor in Women and Gender Studies

The Minor in Women and Gender Studies requires students to take 12 credits: Introduction to Gender and Sexuality Studies (WGS 10000), Classics in Feminist Thought (WGS 20100), Transnational Feminisms (WGS 24400) and one elective course from one of the six areas of concentration.

WGS 10000 - Introduction to Gender and Sexuality Studies, must be completed before WGS 20100 - Classics in Feminist Thought (W) and WGS 24400 - Transnational Feminisms.

Minors for Geography Majors

A minor course of study is no longer required at Hunter College. However, geography majors can elect to minor in any field of their choice. It is recommended, but not required, that the chosen field be related to the student's principal interest(s) in geography, and that the student consult with the Geography Undergraduate Adviser prior to selection of a minor course of study.

Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEOG or GTECH prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

Minor in Geology
A minor in geology consists of a minimum of 12 credits selected from courses with a GEOL prefix, or PEGEO 23100, or PEGEOG 33400, or GTECH 35000. Prerequisites may apply. It is recommended that prospective geology minors consult with an undergraduate adviser from the Department of Geography.

Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PEGEOG 13000 (STEM), GEOL 10000, GEOL 10500, GEOL 18000; and
- at least one course (minimum of 3 credits) selected from PEGEOG 25000, PEGEOG 25100*, GEOG 22600, GEOL 28000, or GTECH 20100; and
- at least one course (minimum of 3 credits) from the 300-level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).

*PGEOG 25000 is a prerequisite for PEGEOG 25100

Minors in Philosophy

- Minor in Philosophy (the Standard concentration)
- Minor in Philosophy, Politics and Society
- Minor in Political Theory
- Minor in Logic

Arts Management and Leadership Certificate

The new Arts Management and Leadership (AML) certificate draws on current strengths within existing departments and utilizes existing courses, relying on the research and creative interests of associated faculty to provide a compelling basis for study of the burgeoning field of arts management and leadership. The program serves students interested in careers in both the visual and the performing arts, and focuses on entrepreneurial, for-profit and non-profit arts organizations as well as on established cultural institutions. This new certificate program is designed to make undergraduate students at Hunter aware of employment opportunities offered by the arts organizations of New York and to help them prepare for both entry-level jobs and satisfying long-term careers in arts management. This plan focuses on the skills and knowledge needed to make arts organizations effective. Students will learn how artists and other professionals in cultural organizations face and solve problems of marketing, regulation, audience development and sustainability, as well as many other complex difficulties faced by arts leaders and managers.

Program Description

The AML certificate is a 15-credit program. It is taken in concurrence with any undergraduate major at Hunter College. This is a new program. It begins spring 2019.

Courses Required for the Certificate

Prerequisites of required courses will be waived by the department offering the course for students pursuing the certificate. Students may apply 6 credits from the certificate program towards other programs. Students who are
majoring in Accounting may replace the BUS 22500 and BUS 23000 requirements with ACC 28000 and ACCP 37400. ACC 28000 and ACCP 37400 can be used for both the Accounting-BS and the Arts Management certificate.

The certificate program in Arts Management and Leadership includes four 3-credit courses, plus a 3-credit internship with a mentored capstone project, for a total of 15 credits. Students must maintain a 2.5 GPA in required courses to receive this certificate.

**URBS 20300 - Introduction to Arts Management**

In this course, we will explore the state of the art communities in the contemporary United States, discover how we arrived at the kinds of organizations in which much art is typically produced today, and learn the basic principles of arts management. We will also take advantage our location in New York City—a world capital for careers in the arts—to learn about arts management from leaders who have built careers at some of the nation's most respected arts and cultural organizations.

*prereq: ENGL 12000
3 hrs
3 cr.*

**BUS 22500 - Survey of Accounting**

An introductory accounting survey course designed specifically for non-majors to gain understanding of business terminology and the role of accounting in business environment. It will specifically focus on providing students with the ability to understand and effectively analyze financial information using the financial statements of a company (as an external user), as well as internal company information that will enhance business decision-making process such as budgeting (as an internal user), combining both financial and managerial accounting areas. It will also briefly introduce the basics of non-profit accounting while highlighting differences between for-profit and non-profit accounting information needs and presentations. For non-accounting majors only.

Course is used in the Hunter Business Certificate and in the Hunter Arts Management Certificate.

*prereq: Not open to undergraduate Accounting majors.
3 hrs.
3 cr.*

**MEDP 39900 - Special Topics in Advanced Media Production**

Taught periodically, with topic listed in Schedule of Classes.

*prereq: MEDIA 18000, others variable
3 hrs
3 cr.*

(MEDP 39991 Strategic Communication and Marketing for the Arts)

Theory and practice of effective strategic communications and marketing for non-profit arts organizations and art and media businesses. Students learn techniques for formal and creative industry-leading techniques for maximizing exposure for a cause or brand through public relations, social media and digital media storytelling tools. Students will create a fictional organization around which they will build a cohesive media strategy, utilizing cutting-edge tools and best practices to develop long-term media strategy, breaking news, crisis communications and brand elevation. Students will be positioned to become a one-stop shop for leading strategic media engagement and staying above the fray in a quickly evolving landscape.

**BUS 23000 - Essentials of Business Law**

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will
specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable instruments, secured transactions and bankruptcy, business entities. For non-accounting majors only. Course is used in the Hunter Arts Management Certificate and is an elective in the Hunter Business Certificate.

\textit{prereq: Not open to undergraduate Accounting majors.}

3 hrs.
3 cr.

**URBS 40900 - Urban Studies Internship**

**GER**

3/B

Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.

3 hrs
3 cr.

**Program Outcome**

By the end of this program, students will be able to demonstrate understanding of:

- how creators, entrepreneurs, advocates, policy makers, and others fit into a broad system of financing, management, marketing, and regulation
- how new opportunities for artist and audience connections are forged
- the workings of non-profit organizations, such as museums, orchestras, and community theaters
- the likely long-term success of an arts organization in terms of its artistic qualities, its managerial strength, the depth of its support, and the likely strength of its market position
- the financing of arts and media projects, including entrepreneurial endeavors that students might create or on which they might collaborate.

**Program Administration**

**Program Director**

Bruce Payne, Acting Associate Provost for the Arts
1417E
212-772-4148
bp845@hunter.cuny.edu

**Business Studies Certificate**

The Certificate in Business Studies, a 15-credit program housed in the Economics department, consists of courses drawn from several departments. While the best foundation for any career is a liberal arts education, many students want to supplement their liberal arts education with business-specific skills and a credential signaling those skills to
potential employers. We rely on businesses in New York City for work opportunities for students, and on the Cooperman Pre-Business Center for coordination of internships and workshops in business skills.

Eligibility

1. Full-time students currently enrolled at Hunter College who have earned 25-95 credits. A minimum of 1/3 of these credits must have been earned at Hunter College. Graduate students and individuals with advanced degrees are not eligible to apply. Successful applicants will show evidence of the following:
   o Academic excellence and a minimum 3.2 cumulative GPA
   o Demonstrated interest in business
   o Required prerequisite course ECO 10000
   o Students selected for the Program must maintain a minimum overall GPA of 3.0.

Note: BA/MA candidates are in fact undergraduates, and therefore eligible.

Application

1. An electronic copy of their resumé, highlighting extra-curricular activities and interests
2. An electronic copy of their official transcript
3. One essay of 650 words or fewer, answering the following three questions:
   o What are you doing today that demonstrates your interest in business?
   o What are your professional aspirations upon graduating Hunter?
   o How will participating in the Business Studies Certificate help you achieve these goals?
4. Based on written applications, select students may be invited to interview with the Business Certificate Admissions Committee. The Admissions Committee will select applicants subject to available resources. We expect to limit enrollment to 30 students per year, at least initially.

Curriculum

The certificate program will include three required 3-credit courses, plus one elective drawn from existing courses at the college and a 3-credit internship with an associated capstone course.

Required Courses

**ECO 10000 - Introduction to Economics**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.
ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

*prereq: Math/Writing Proficient/Non degree students
3 hrs
3 cr.*
BUS 22500 - Survey of Accounting

An introductory accounting survey course designed specifically for non-majors to gain understanding of business terminology and the role of accounting in business environment. It will specifically focus on providing students with the ability to understand and effectively analyze financial information using the financial statements of a company (as an external user), as well as internal company information that will enhance business decision-making process such as budgeting (as an internal user), combining both financial and managerial accounting areas. It will also briefly introduce the basics of non-profit accounting while highlighting differences between for-profit and non-profit accounting information needs and presentations. For non-accounting majors only.

Course is used in the Hunter Business Certificate and in the Hunter Arts Management Certificate.

prereq: Not open to undergraduate Accounting majors.
3 hrs.
3 cr.

BUS 26100 - Introduction to Entrepreneurship

Business enterprise fundamentals through the lens of a new business; identifying market opportunities to meet consumer need and create economic value in a new way; methods to convert an opportunity into a viable new business. Does not count toward the Economics and Accounting majors.

Course is used in the Hunter Business Certificate.

prereq: Open only to upper sophomores.

ECO 22100 or MATH 10000 or MATH 10200 or MATH 10400 or MATH 12500 or MATH 15000 or MATH 15500 or STAT 11300 or STAT 21200 or STAT 21300.
3 hrs.
3 cr.

BUS 49700 - Business Studies Capstone and Internship

The capstone experience for the Business Certificate is an internship in which students will do meaningful work and have opportunities to learn about the broader organization in order to develop an overview of the business and its challenges. The Internship seminar is designed to help students reflect on their collective experiences and gain a more global perspective on multiple businesses, their goals, and their role in helping to achieve those goals. Does not count for economics or accounting majors. Permission based on fulfillment of all other certificate course requirements and having a qualifying (96 hours or more over 15 weeks) internship or job in place.

Course is used in the Hunter Business Certificate.

prereq: Department permission required.
3 hrs.
3 cr.

Elective

Students choose one course from the following courses:

Technology and Data

CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core

Scientific World (SW)
This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

CSCI 13300 - Programming for Everyone

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
3 cr.

ECO 22100 - Economic Statistics

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500

3hr lecture or 2hr lecture/1 hr discussion
3 cr.

POLSC 20600 - Research Design in Political Science (W)

Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.

prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent

3 hrs
3 cr.

SOC 24100 - Social Statistics
Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.

*prereq:* SOC 10100

3 hrs

3 cr.

### STAT 11300 - Elementary Probability and Statistics

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

*prereq:* A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam

*prereq or coreq:* ENGL 12000

3 hrs

3 cr.

### STAT 21300 (STEM) - Introduction to Applied Statistics

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

*prereq:* MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs

3 cr.

### URBS 31100 - Quantitative Approaches to Urban Analysis

**GER**

3/B

A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.

*prereq:* Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.

3 hrs

3 cr.
Marketing and Communication

**MEDPL 20100 - Reporting and Writing I (W)**

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

*prereq or coreq: MEDIA 18000
3 hrs
3 cr.*

**MEDP 28500 - Web Production I**

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.

*prereq: MEDP/FILMP 15000
3 hrs
3 cr.*

**PSYCH 33200 - Attitudes and Persuasion**

This course reviews basic theory and research applications on attitudes and attitude change processes, including how attitudes are measured, used to predict behavior, and, to persuade individuals.

*prereq: ENGL 12000; PSYCH 24900 or 25000; and PSYCH 21000 -or- 23000
3 hrs
3 cr.*

**SOC 31300 - Consumer Behavior**

**GER**

3/B

Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.

*prereq: SOC 10100
3 hrs
3 cr.*

Manager and Organizations

**ECO 35900 - Economics of Business Organization and Management**

**GER**

3/B

The economic theory of the firm, including the formal analysis of incentives and contracts. Particular focus on how the internal organization of the firm can mitigate the negative effects of conflicts of interest between different stakeholders in the firm.

*prereq: ECO 20000 with a grade of C, CR or better*
PSYCH 34000 - Industrial and Organizational Psychology

GER
3/B

A review of research and theories on the effects of leadership, human relations, motivation and organizational structures on behavior in business and industrial settings; applications of personnel psychology, motivational psychology and human factors engineering in the work place; job analysis, employee selection, leadership, performance appraisal, power and authority, work motivation and organizational communication.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000, PSYCH 24900 or 25000

BUS 23000 - Essentials of Business Law

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable instruments, secured transactions and bankruptcy, business entities.

For non-accounting majors only.

Course is used in the Hunter Arts Management Certificate and is an elective in the Hunter Business Certificate.

prereq: Not open to undergraduate Accounting majors.

Human Rights Certificate

24-credit Certificate in Human Rights

- 4 Core Required Courses from an approved list
  - HR 20000 Introduction to Human Rights: History, Discourse, Practice (W)
  - HR 25000 Human Rights Internship
  - HR 26000 Human Rights Internship Seminar (W)
  - HR 35000 Human Rights Capstone Seminar (W)
- 4 Elective Cognate Courses from an approved list
  - The approved list of cognates comprises courses drawn from 18 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses.
  - Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners. To be accepted into the Certificate program, a student must have at least completed HR 20000 with a B and have a cumulative GPA of 3.0.
Course Listing

Courses in Human Rights

Public Policy Certificate

Public Policy is an 18-credit undergraduate minor open to students in all disciplines. Students also have an option to receive a Certificate in Public Policy by taking 9 additional credits (for a total of 27 credits).

The Roosevelt House public policy program is based on the understanding that the preparation of informed individuals is the key to a vibrant participatory democracy. The program prepares students by providing essential research and analytical skills that are important goals of a strong liberal arts education. Our graduates are unique: they span many majors from Anthropology to Political Science, Women & Gender Studies to Biology. Students have an opportunity to interact first-hand with policy experts and practitioners, both in the classroom and outside, and learn how policies are created, how communities come together to demand change, who benefits from specific policies, and how public policy impacts can be best measured. These are important skills that enable students to enter competitive graduate school programs, or to embark on careers in public affairs and the nonprofit sector at the local, national or global level.

Core Requirements

An 18-credit undergraduate minor in public policy is open to students in all disciplines. In addition to the Core Requirements, students need to take one course in each of the four basic skill areas (political, economic, quantitative and normative analysis).

PUPOL 10000 - Introduction to Public Policy

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines.

Writing Requirements: This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr.

PUPOL 40000 - Capstone Seminar

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.

Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.
These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements.
This course is taken at the state of the art Roosevelt House.

prereq: Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.
3 hours
3 credits

**POLSC 11000 - American Government: A Historical Introduction**

**Hunter Core**
US Experience in its Diversity (USED)

**GER**
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**ECO 20000 - Principles of Microeconomics**

**GER**
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.

May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3 hrs
3 cr.

**ECO 22100 - Economic Statistics**

**Hunter Core**
Mathematics and Quantitative Reasoning

**GER**
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3hr lecture or 2hr lecture/1 hr discussion
3 cr.

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) - I&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester

Certificate in Public Policy: Substantive Policy Specialization

For the Public Policy Certificate each student will take the 6 core courses (18 credits) for the Minor and will be required to declare a substantive area of specialization comprised of 3 courses (9 credits) of additional course work. These may be grounded in a particular discipline or disciplines and should be at the 300-level or by permission of the program director. Or a student may use the substantive specialization to take advantage of clusters of expertise that exist across several Hunter departments. Examples of the latter include (but are not limited to) immigration, health, aging, gender studies, macroeconomics, public finance, economic development, social welfare, public law, human rights, ethics, international relations, international trade, education, urban affairs, environmental studies, and labor. Courses designated for the substantive specialization need approval by the director of the program.

Additional Opportunities

The Public Policy Program offers other unique opportunities to its students in the form of conferences, lectures, brown bag seminars, internships and travel. These options are designed to enrich and supplement the students’ experiences at the Roosevelt House Public Policy Institute.

Generic Policy Courses

Advanced courses which build on the knowledge and skills acquired in the core courses and are applicable to students in a wide range of substantive specializations.

Internships

While internships are not a formal requirement to complete the program, it is a highly recommended option. Undergraduate internship programs are designed to give students a chance to work in a policy-related institutional setting outside the university, either in a government agency, nonprofit, think tank, or advocacy group. Additionally, Roosevelt House has entered into a partnership with the prestigious Brookings Institution in Washington, DC to place a few undergraduates enrolled in the Public Policy Program to work with their scholars in the summer.

Policy Colloquia
A colloquium series will be launched at Roosevelt House that will allow students and faculty to come together several times a semester to discuss public policy issues. Guest speakers, including scholars and practitioners, with relevant expertise will be invited to discuss topics of the day either individually or in panels.

Area of Concentration 1: Feminist Thought and Theory (WGST)

Courses with the prefix WGST denote courses that can be taken under the area of concentration Feminist Thought and Theory.

- WGST 400.53 Body Politics: Sexuality and Reproduction
- WGST 20900 Women and Gender in Western Political Thought (W)
- WGST 23000 Feminism: Philosophical Theory and Practice (W)
- WGST 29000 Special Topics in Feminist Thought and Theory
- WGST 30900 Feminist Political Theory

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

- POLSC 486.57 - Body Politics: Sexuality and Reproduction
- POLSC 20900 Women and Gender in Western Political Thought (W)
- PHILO 23000 Feminism: Philosophical Theory and Practice (W)
- POLSC 20900 Women and Gender in Western Political Thought (W)
- POLSC 30900 Feminist Political Theory (W)

Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

Area of Concentration 2: Sexualities (WGSS)

Courses with the prefix WGSS denote courses that can be taken under the area of concentration Sexualities.

- WGSS 15000 - Introduction to LGBTQI Studies
- WGSS 17000 - Psychology of Human Sexuality
- WGSS 19000 - Development of Gender Roles
- WGSS 21900 - Women and the Law (W)
- WGSS 25700 - Sex and Gender Roles
- WGSS 28700 - Masculinities
- WGSS 29000 Special Topics in Sexualities
- WGSS 35100 - Gender, Science, and Technology
- WGSS 38700 - Queer Theory

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:
• PSYCH 17000 Psychology of Human Sexuality
• PSYCH 19000 Development of Gender Roles
• SOC 25700 Sex and Gender Roles
• NURS 35100 Gender, Science and Technology

Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

Area of Concentration 3: Gender & Public Policy (WGSP)

Return to Women and Gender Studies - BA

Courses with the prefix WGSP denote courses that can be taken under the area of concentration Gender and Public Policy

• WGSP 21900 - Women and the Law
• WGSP 22300 - Sociology of the Family
• WGSP 23500 - The Psychology of Women
• WGSP 23900 - Child Welfare
• WGSP 25100 - Women and Health
• WGSP 26100 - Women and Politics
• WGSP 26200 - Women, War and Peace
• WGSP 29000 Special Topics in Gender and Public Policy
• WGSP 32000 - Internship Seminar: Feminist Activism and Advocacy
• WGSP 39800 - Community Leadership Seminar
• WGSP 49000 Leadership Field Work Internship

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

• POLSC 21900 - Women and the Law
• SOC 20100 The Family
• PSYCH 23500 The Psychology of Women
• SOC 23900 - Child Welfare
• HED 20100 Women and Health
• ANTHC 400.54 – Ethnicity, Gender and Disease
• COMHE 40008 - Women, Health and Society

Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

Area of Concentration 5: Women and Gender across Cultures (WGSC)

• Return to Women and Gender Studies - BA

Courses with the prefix WGSC denote courses that can be taken under the area of concentration Women and Gender Across Cultures.
- WGSC 15600 Culture of Imperial Russia: The Age of Empresses
- WGSC 29000 Special Topics in Women and Gender Across Cultures
- WGSC 30100 Gender in Anthropological Perspective
- WGSC 30500 Women and Slaves in Classical Antiquity (W)
- WGSC 31800 Women in Africa (W)
- WGSC 32900 Women in the African Diaspora (W)

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

- ANTHC 30100 Gender in Anthropological Perspective
- CLA 30500 Women and Slaves in Classical Antiquity (W)
- CLA 240.70/ENLG 258.61 – Women in Ancient Greece
- RUSS 256.12 – Women in Russian Culture
- ASIAN 241.00 – Asian American Family
- AFPRL 290.94 – Gender Dynamics in Africa
- AFPRL 290.17 – Latina Women
- AFPRL 290.32 – Black Feminism
- ASIAN 390.06 – Gender and Sexuality in Asian American Literature
- GEOG 383.89 – Geography and Gender

Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

Area of Concentration 6: Gender, Literature and the Arts (WGSA)

Return to Women and Gender Studies - BA

Courses with the prefix WGSA denote courses that can be taken under the area of concentration Gender, Literature and The Arts

- WGSA 22252 - Topics in Genre Studies: The Woman's Film of the 1940s
- WGSA 25000 - Women and Music (W)
- WGSA 26000 - Russian Women Writers in English Translation (W)
- WGSA 26900 - Spanish American Women's Literature and Cinema (W)
- WGSA 29000 Special Topics in Gender, Literature and the Arts
- WGSA 31900 - Advanced Topics in Literature by Women (W)
- WGSA 33700 - Caribbean Women Writers (W)
- WGSA 36100 - Russian Women Writers
- WGSA 38400 - Women and Media (W)

In addition selected courses offered in other departments do meet the departmental requirement for this area of concentration. Such courses include but are not limited to:

- MUSHL 25000 Women and Music (W)
- RUSS 26000 Russian Women Writers in English Translation (W)
Check the Women and Gender Studies Department to see the complete list of courses that meet the area of concentration requirement for the major. Also on the department website, check the Schedule of Classes to see which of these courses are offered each semester.

Degree Map for Chemistry Major II Option 3 Bioinformatics BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.*

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. 

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs  
4 cr.

**ENGL 12000 - Expository Writing**

**Hunter Core**  
English Comp (EC)  
**GER**  
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.  
**prereq:** successful completion of developmental courses, if required

3 hrs + conf  
3 cr.  
- US Experience in Its Diversity (USED)

---

**Spring**

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**  
Math/Quantitative Reasoning  
**GER**  
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.  
**prereq:** grade of C or better in MATH 15000

4 hrs  
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**  
Life and Physical Sciences (LPS) Scientific World (SW)  
**GER**  
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.  
**prereq:** CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)  
4 cr.
**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
**Pluralism and Diversity**  
GER 2/E  
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.  
Primarily for pre-med, medical laboratory sciences and science majors.  
*prereq: CHEM 10200  
coreq: CHEM 10400  
6 hrs  
3 cr.*

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
**Pluralism and Diversity**  
PD/C or D  
**GER**  
2/E  
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.  
Material Fee: $5  
PD credit awarded only upon completion of BIOL 10000 and 10200.  

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500  
7 hrs (3 lec, 3 lab, 1 disc)  
4.5 cr.  
spring only*

**Sophomore Year**

**Fall**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**  
English Comp (EC)  
**GER**  
2/A  
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.  
*prereq: ENGL 12000*
CHEM 22000 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only

• Individual and Society (Humanities) I&S H

Spring
CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr.

Foreign Language Requirement - Elementary Level 1

Junior Year

Fall

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

**prereq:** PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

**CHEM 37600 - Biochemistry I**

GER
3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

**prereq:** CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

**BIOL 42500 - Computational Molecular Biology**

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

**prereq:** BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

**CSCI 23200 - Relational Databases and SQL Programming, with Lab**

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.

Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

**prereq:** CSCI 12700 or CSCI 13200
3 hrs
3 cr.

- FOREIGN LANGUAGE Elementary Level 2

Spring
CHEM 35000 - Biophysical Chemistry

Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better
5 hrs (4 lec, 1 rec)
4 cr

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.
• Individual and Society (Social Sciences) I&S SS
• FOREIGN LANGUAGE Intermediate Level 3
• ELECTIVE

Senior Year

Fall

CHEM 37700 - Biochemistry II

GER
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs
3 cr.
• FOREIGN LANGUAGE Elementary Level 4
• Creative Expression (CE)

Spring

• World Cultures & Global Issues (WCGI)
• Individual and Society (Humanities)
CHEM 33300 Computational Drug Discovery

Notes:

Students who place below MATH 15000, please note the following Math sequence:

MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

*CHEM 11100 and CHEM 11200 are sequence options in place of CHEM 10200, CHEM 10400 and CHEM 10600

If taking CHEM 11100, this is a special honors course and is a prerequisite for CHEM 11200.

Degree Map for Media Studies: Journalism

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Film major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

- ENGL 12000 - Expository Writing
- MEDIA 18000 - Introduction to Media Studies
- Math & Quantitative Reasoning
- Foreign Language Level 1
- Scientific World

Spring

- ENGL 22000 - Introduction to Writing about Literature (W) or MEDIA 21100 – News Literacy in a Digital Age (EC, W)
- MEDP 150 Media and Film in a Digital Age Pt. 1 / FILMP 150 Media & Film in a Digital Age I
- Foreign Language Level 2
- Creative Expression
- US Experience in its Diversity

Sophomore Year
Fall
- FILMP 160 Media & Film in a Digital Age II
- MEDPL 20100 Reporting and Writing I (W)
- Life and Physical Sciences
- Foreign Language Level 3
- MEDIA 21100 News Literacy in a Digital Age

Spring
- MEDPL 200 or 300 Level Production Elective
- Individual & Society/ Social Sciences
- Foreign Language Level 4
- MEDPL 20200 Reporting and Writing 2(W)
- World Cultures & Global Issues

Junior Year

Fall
- MEDIA 200 or 300-level Elective
- MEDPL 200 or 300-level Production Elective
- Hunter Focus
- Elective
- Elective

Spring
- MEDPL 200 or 300 Level Production Elective
- MEDIA 200 or 300 Level Elective
- Elective
- Elective
- Elective

Senior Year

Fall
- MEDPL 200 or 300 Level Production Elective
- Elective
- Elective
- Elective
- Elective
List of Approved Courses for GER Core Stage 1: Academic Foundations

Stage 1A English Composition: 3 credits

This requirement introduces expository writing and academic discourse. Through reading, writing and rewriting, students learn to generate, explore and refine their own ideas, analyze and evaluate intellectual arguments, take positions and support them persuasively and write with sound grammar, varied sentence structure, logic and coherence.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

Stage 1B Quantitative Reasoning: 3 credits

The goal of this requirement is to develop competence in mathematical and quantitative reasoning, including the use of numerical and graphical data in making judgments on personal, professional and public issues. Students who place out of MATH 125 are exempt from this requirement.

CSCI 12100 - Computers and Money: Quantitative Reasoning in Context

Hunter Core
Math and Quantitative Reasoning (MQR)
GER
1/B

Quantitative reasoning tackled from a computer based perspective and focusing on practical financial topics-stocks, gambling, inflation, diversification, taxes, hedging, saving, real estate, retirement and others. Students take a hands-on, spreadsheet-based approach to understanding issues of money and personal finance.

This course cannot be counted towards the CSCI major.

prereq: none
ECO 22100 - Economic Statistics

Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3 hr lecture or 2 hr lecture/1 hr discussion
3 cr.

MATH 10000 - Basic Structures of Mathematics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have received credit for any math or stat course that satisfies the GER 1/B requirement. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics. This course is a terminal course and does not serve as a prerequisite to any other course in the department
prereq: CUNY Math Proficiency
3 hrs
3 cr.

MATH 10200 - Mathematics and Everyday Life

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Students will learn how to model real world problems with mathematics, and learn techniques for solving them. Topics include personal finance, statistical reasoning, probability, exponential growth, and voting theory.
prereq: CUNY Math Proficiency
3 hours
3 credits

MATH 10400 (STEM) - Mathematics for Elementary Education I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers,
including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.

*prereq: grade of C or better in MATH 10100 or MATH 101EN or appropriate score on the placement exam

3 hrs
3 cr.

**MATH 10500 - Mathematics for Elementary Education II**

**GER**
1/B

Continuation of MATH 10400. Continuation of the content of the mathematics recommended by the NCTM for prospective elementary school teachers, including probability, statistics, plane and transformational geometry, congruence and similarity.

*prereq: grade of C or better in MATH 10400

3 hrs
3 cr.

**MATH 11000 - Topics in the Mathematical Sciences**

**GER**
1/B

Not open to students who have completed MATH 10500, 16000 or 26000. Intended for liberal arts or social science students. Applications of topics selected from algebra, analysis, computer science, geometry, probability and statistics.

*prereq: college-level mathematics or statistics course.

3 hrs
3 cr.

**MATH 11100 - Matrices, Vectors and Linear Programming**

**GER**
1/B

Not open to students who have completed MATH 16000 or 26000. Recommended for accounting students; not recommended for students majoring in mathematics or statistics. Introduction to matrices and vectors, systems of linear equations and linear programming with applications.

*prereq: MATH 10100 or MATH 101EN or appropriate score on placement exam

3 hrs
3 cr.

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

3 hrs
3 cr.
MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
Prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
Prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
Prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

STAT 11000 - Selected Topics in Elementary Probability and Statistics as Applied to Popular Science and Current Events

GER
1/B

Topics to be studied in any given term will be announced prior to registration. This course does not serve as a prerequisite for any other mathematics or statistics course. This course is a topics course that serves as an introduction to selected topics in probability and statistics with applications to the real world.
Prereq: CUNY Math Proficiency
3 hrs
3 cr.
STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing.

Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

STAT 21200 - Discrete Probability

Hunter Core
Math/Quantitative Reasoning
GER
1/B


Additional topics like sampling, random walks or game theory will be introduced from time to time.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

Stage 1C US History: 3 credits

This requirement introduces portions of the history of the United States covering periods of time sufficiently long to reveal the historical dynamic and bring understanding of the historical contexts that have created our social and political institutions. It emphasizes the importance of the historical perspective and method, an understanding of how, where and why change has occurred over time and an awareness that the world we live in has been influenced by the past.
HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

List of Approved Courses for GER Core Stage 2: Broad Exposure
Stage 2A Survey of Literature Written in English: 3 credits

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

- English Comp (EC)
- GER
- 2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

- 3 hrs + one additional conference hour
- 3 cr.

**AFPRL 23500 - African Literature (W)**

**Pluralism and Diversity**

- PD/A
- GER
- 2/A

Introduction to contemporary African literature originally written in English. The course is conducted in English; all course requirements are in English.

*prereq: ENGL 12000*

- 3 hrs
- 3 cr.

**AFPRL 23600 - African American Literature (W)**

**Pluralism and Diversity**

- PD/B
- GER
- 2/A

Introduction to African American writing, from earliest expressions to present.

*prereq: ENGL 12000*

- 3 hrs
- 3 cr.

**AFPRL 23700 - African Caribbean Literature (W)**

**Pluralism and Diversity**

- PD/A or B
- GER
- 2/A

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.

*prereq: ENGL 12000*
AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)

Hunter Core
English Composition (EC)
Pluralism and Diversity
PD/A or B
GER
2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.

prereq: ENGL 12000
3 hrs
3 cr

Stage 2B Social Science: People and Their Societies: 6 credits

Africana and Puerto Rican/Latino Studies

AFPRL 10000 - Introduction to Black Politics

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B

General survey of politics of African world with major emphasis on politics in Black America.
3 hrs
3 cr

AFPRL 10100 - Introduction to Africana Studies

Pluralism and Diversity
PD/A or B
GER
2/B

Introduction to the history and culture of Africa and the African diaspora.
3 hrs
3 cr.

AFPRL 10200 - Latino Communities in the United States
Pluralism and Diversity
PD/B
GER
2/B

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr.

**AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS

**Pluralism and Diversity**
PD/B
GER
2/B

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr.

**AFPRL 20100 - African History from Human Origins to 1600 CE**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/B

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr.

**AFPRL 20200 - African History Since 1600 CE**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/B

Main currents of African history from 1600 CE to present
3 hrs
3 cr.
AFPRL 20300 - African American History I

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.
3 hrs
3 cr.

AFPRL 20400 - African American History II

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from Reconstruction to the present.
3 hrs
3 cr.

AFPRL 20500 - African American Politics of Social Change

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B

The Civil Rights Movement and social change in U.S. Since 1954.
3 hrs
3 cr.

AFPRL 20900 - Introduction to Caribbean History to 1900

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 21000 - Introduction to Caribbean History: 1900 - Present
Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 24100 - Puerto Rican History to 1897

Pluralism and Diversity
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr.

AFPRL 24200 - Puerto Rican History Since 1898

Pluralism and Diversity
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr.

AFPRL 24400 - Puerto Ricans in the United States

Pluralism and Diversity
PD/B
GER
2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
3 hrs
3 cr.

Anthropology

ANTHC 10100 - Introduction to Cultural Anthropology
Hunter Core
Individual and Society (Social Sciences) - I&S SS

Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

3 hrs
3 cr.
offered every sem.

ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core
World Culture and Global Issues (WCGI)

GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs
3 cr.
offered every sem.

ANTHC 15100 - Introduction to Linguistics

Hunter Core
World Cultures and Global Issues (WCGI)

GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

3 hrs
3 cr.

Asian American Studies

ASIAN 23002 - Asian American Communities and Mental Health

Hunter Core
Individual and Society (Social Sciences) - I&S SS

Pluralism and Diversity
PD/B

Introduction to psychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery.

3 hrs
3 credits
Economics

ECO 10000 - Introduction to Economics

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings. ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

prereq: Math/Writing Proficient
Non degree students
3 hrs
3 cr.

ECO 20000 - Principles of Microeconomics

GER
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets. May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000
3 hrs
3 cr.

ECO 20100 - Principles of Macroeconomics

GER
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy. May be taken prior to or concurrently with ECO 20000.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000
3 hrs
3 cr.

Geography
GEOG 15000 - World Regions in Global Context

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A or D
GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

History

HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.
HIST 12100 - Early Modern Europe 1500 to 1815

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 12200 - 19th and 20th Century Europe (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
HIST 20100 - Ancient Civilization

GER
2/B
Development of civilization in the Near East. Its expansion under Greece and Rome to 500 CE in the Mediterranean basin. Courses at the 300-level and above not offered to freshmen.

HIST 20800 - History of the Jews

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000
3 hours
3 credits

HIST 21000 - History of Judaism

GER
2/B
Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam. Courses at the 300-level and above not offered to freshmen.

HIST 27700 - East Asia to 1600 (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300-level and above not offered to freshmen.
HIST 27800 - East Asia, 1600 to the Present (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD.
Courses at the 300-level and above not offered to freshmen.

HIST 28800 - History of Africa to the 19th Century

Pluralism and Diversity
PD/A
GER
2/B

Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact of the environment.
Courses at the 300-level and above not offered to freshmen.

HIST 28900 - Africa in the 19th and 20th Centuries (W)

Pluralism and Diversity
PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.
Courses at the 300-level and above not offered to freshmen.

Human Geography

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B
A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

**GEOG 22100 - Economic Geography and Globalization**

**GER**
2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen

*prereq: GEOG 10100 or perm instr.*

3 hrs
3 cr.
Offered fall and spring

**GEOG 22600 - Environmental Conservation: Resource Management**

**GER**
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

*prereq or coreq: ENGL 12000*

3 hrs
3 cr.

**GEOG 25100 - Geography of the United States and Canada**

**GER**
2/B

Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the
ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges

**prereq:** GEOG 10100 or GEOG 15000 or perm instr.

3 hrs

3 cr.

**Macaulay Honors College**

**MHC 15000 - MHC Seminar 2: Peopling of New York (W)**

**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

Fulfills GER 2B, Social Science: People and Their Societies.

**prereq:** Open only to Macaulay Honors College students.

3 hours

3 credits

**MHC 25000 - MHC Seminar 4: Shaping the Future of New York City (W)**

**Pluralism and Diversity**

Macaulay Honors College

Fulfills GER 2B, Social Science: People and their Societies

**prereq:** Open only to Macaulay Honors College students.

3 hours

3 credits

**Mathematics and Statistics**

**Political Science**

**POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)**

**Hunter Core**

World Culture and Global Issues (WCGI)

**GER**

2/B

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.

**prereq or coreq:** ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 11000 - American Government: A Historical Introduction**
Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 25000 - Comparing Countries (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include: Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.

prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

Psychology
PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.

PSYCH 14000 - Psychological Adjustment

GER
2/B

Styles of adjustment; social interaction; self-concept and self-esteem: stress management; alienation; failures of adjustment.
prereq: PSYC 10000
3 hrs
3 cr.

PSYCH 15000 - Human Development

GER
2/B

Development from conception to death; biological, physiological and social factors and their interactions at each stage.
prereq: PSYC 10000
3 hrs
3 cr.

PSYCH 16000 - Evolution and Behavior

GER
2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.
prereq: PSYC 10000
3 hrs
3 cr.

PSYCH 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C
GER
2/B
Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

cross-listed WGSS 17000
prereq: PSYCH 10000
3 hrs
3 cr.

PSYCH 18000 - Brain and Behavior

GER
2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.
prereq: PSYC 10000
3 hrs
3 cr.

PSYCH 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000
prereq: PSYCH 10000
3 hrs
3 cr.

PSYCH 19500 - Special Topics in Psychology I

GER
2/B

Readings and discussions on a selected problem or topic area. Topics vary from semester to semester.
prereq: PSYC 10000
3 hrs
3 cr.

Sociology

SOC 10100 - Introduction to Sociology

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B
Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs
3 cr.

Urban Affairs and Planning

**URBS 10100 - Urban Life: Personal and Observational View (W)**

**Hunter Core**

Individual & Society - Social Science I&S SS

**GER**

2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.

3 hrs
3 cr.

**URBS 10200 - Structure of Urban Region (W)**

**Hunter Core**

Individual and Society Social Science (I&S SS)

**GER**

2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy.

*prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.*

3 hrs
3 cr.

**URBS 20100 - Urban Plans and Policies**

**GER**

2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making.

*prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.*

3 hrs
3 cr.

Women and Gender Studies

**WGS 10000 - Introduction to Gender and Sexuality Studies**

**Hunter Core**

Individual and Society - Social Sciences (I&S SS)
The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.

3 hrs
3 cr.

WGSS 17000 - Psychology of Human Sexuality

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

prereq: PSYCH 10000

3 hrs
3 cr.

WGSS 19000 - Development of Gender Roles

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.

cross-listed PSYCH 19000

3 hrs
3 cr.

School of Public Health

PH 15200 - Bodies Using Bodies

This course addresses the medical, technical, organizational, and ethical issues that arise when human beings make use of the bodies, organs, tissues, or cells of other people to enhance their own well-being. The course takes a cross-disciplinary approach to contemporary issues in the health sector that involve the use of human bodies for the benefit of others. It is aimed at pre-majors or students interested in issues in the area of society and health.
Stage 2C Humanities: Cultures and Ideas: Literature, Philosophy, Classics: 3 credits

Africana and Puerto Rican/Latino Studies

AFPRL 14100 - Puerto Rican Folklore

Pluralism and Diversity
PD/A or B
GER
2/C

Study of Puerto Rican folklore: traditional beliefs, legends, religious rites and typical music.
3 hrs
3 cr.

AFPRL 18100 - Language and Ethnic Identity

Hunter Core
Individual and Society (Social Sciences) -I&S SS

AFPRL 18200 - Culture and Ethnic Identity

Hunter Core
World Culture and Global Issues (WCGI)

AFPRL 22000 - African Spirituality in the Diaspora

Pluralism and Diversity
PD/A or B
GER
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.
3 hrs
3 cr.

AFPRL 22200 - African Civilization

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to study of African civilization.

3 hrs
3 cr.

**AFPRL 24300 - Puerto Rican Culture**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A or B
**GER**
2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.

3 hrs
3 cr.

**Arabic**

**ARB 25000 - The Arab Novel (in translation) (W)**

**Hunter Core**
Creative Expression (CE)
**Pluralism and Diversity**
PD/A
**GER**
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

*prereq: ENG 22000 or equiv.*

3 hrs
3 cr.

**ARB 25200 - Literatures from the Islamic World (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A
**GER**
2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

*prereq: ENGL 12000 or equivalent*

3 hrs
3 credits

**ARB 25300 - Literatures and Cultures of Muslim Spain (W)**
A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 credits

**ARB 25400 - The Arabian Nights East and West (W)**

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.

**prereq or coreq:** ENGL 12000 or equivalent

3 hours

3 credits

**Chinese**

**CHIN 11100 - Chinese Culture I**

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.

3 hrs

3 cr.

**CHIN 11200 - Chinese Culture II**

Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.

3 hrs

3 cr.
CHIN 25100 - Topics in Chinese Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3 cr.

Classics

CLA 10100 - Classical Mythology

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr.

CLA 11000 - The Greek and Latin Roots of English

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs
3 cr.

CLA 20100 - Greek Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
prereq: ENGL 12000
3 hrs
3 cr.
CLA 20300 - Roman Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.

prereq: ENGL 12000
3 hrs
3 cr.

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

prereq: ENGL 12000
3 hrs
3 cr.

CLA 25000 - Greek and Roman Tragedy (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.

prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25100 - Ancient Comedy (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.

prereq: ENGL 12000
CLA 25300 - Homer and Vergil (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.

prereq: ENGL 12000 recom: CLA 10100

3 hrs
3 cr.

English

ENGL 25000 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A or B or C or D
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 25100 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

prereq: ENGL 22000

3 hrs
3 cr.
Film and Media Studies

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**  
Individual & Society - Humanities (I&S H)  
GER  
2/C

Social, political, and economic factors that determine and shape products of media organizations.  
3 hrs  
3 cr.

French

**FREN 24100 - Early French Civilization: From Gothic to Revolution**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/D  
GER  
2/C

Conducted in English; readings in English.  
3 hrs  
3 cr.

**FREN 24200 - Modern French Civilization: From Revolution to Present**

**Hunter Core**  
World Cultures and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/D  
GER  
2/C

Conducted in English; readings in English.  
3 hrs  
3 cr.

German

**GERMN 24000 - German Thought and Culture: A Survey (W)**

**Pluralism and Diversity**  
PD/D  
GER  
2/C
Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective.
(Conducted in English) Note: No knowledge of German required.

*prereq or coreq: ENGL 12000
3 hrs
3 cr.

**GERMN 24100 - German Fairy Tales in Translation (W)**

**Hunter Core**
Creative Expression
**Pluralism and Diversity**
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.

*prereq or coreq: ENGL 12000
3 hrs
3 cr.
*No "W" designation when offered in Winter Session*

**Hebrew**

**HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)**

**Hunter Core**
Individual and Society (Humanities) -I&S H
**Pluralism and Diversity**
PD/D
GER
2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

*3 hrs
3 cr.

**HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)**

**GER**
2/C

Survey of Hebraic literature from Enlightenment movement to present.

*3 hrs
3 cr.

**HEBR 22100 - Modern Israeli Culture**

**Hunter Core**
World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.

**HEBR 22200 - Introduction to Jewish Texts and Writings**

**Hunter Core**

World Culture and Global Issues (WCGI)

A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.

*prereq or coreq: ENGL 120*

3 hours

3 credits

**HEBR 24000 - Introduction to the Old Testament**

**Hunter Core**

World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A

GER

2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.

3 hrs

3 cr

**HEBR 25900 - Old Testament Religion**

**Hunter Core**

World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A

GER

2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

3 hrs

3 cr

**HEBR 28800 - Ancient Hebraic Folklore**

**Pluralism and Diversity**

PD/A

GER

2/C

Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apocalyptic literature and rabbinic Aggada.
HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

HEBR 29200 - The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.

HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.

Italian

ITAL 26000 - Modern Italian Short Story (W)

Pluralism and Diversity
PD/D
GER
2/C
In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ENGL 120 or equiv.

3 hrs

3 cr.

### ITAL 28000 - The Italian Renaissance: An Introduction

**Hunter Core**

Individual and Society (Humanities)

**Pluralism and Diversity**

PD/D

**GER**

2/C

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ENGL 12000

3 hrs

3 cr.

### ITAL 33400 - Italian Civilization in the Baroque, in English

**Pluralism and Diversity**

PD/D

**GER**

2/C

An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation

3 hrs

3 cr.

### ITAL 33500 - Italian Culture I

**GER**

2C

In English. Main intellectual-artistic currents from the 12th to 15th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ENGL 12000

3 hrs

3 cr.

### ITAL 33600 - Italian Culture II
In English. Main intellectual-artistic currents from the 16th to 20th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq: ENGL 120**

3 hrs

3 cr.

**ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English**

**Pluralism and Diversity**

PD/C

**GER**

2/C

Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq: ENGL 12000**

3 hrs

3 cr.

**ITAL 33800 - 19th and 20th Century Italian Women Writers, in English**

**Pluralism and Diversity**

PD/C

**GER**

3/A

Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Margherita Guidacci, Maria Luisa Spaziani.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq: ENGL 12000**

3 hrs

3 cr.

**Japanese**

**JPN 25100 - Japanese Culture Before 1600**

**Hunter Core**

Individual and Society - Humanities (I&S H)

**Pluralism and Diversity**

PD/A

**GER**

2/C
Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian – to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries – most notably China – to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).

prereq: ENGL 120
3 hrs
3 cr

**JPN 25200 - Japanese Culture Since 1600**

**Pluralism and Diversity**
PD/A
GER
2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures – that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.

prereq: ENGL 12000
3 hours
3 credits

**JPN 26100 - Special Topics in Japanese Culture**

**Pluralism and Diversity**
PD/A
GER
2/C

Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the economic, political, and social conditions that shaped them.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

**Philosophy**

**PHILO 10100 - Introduction to Philosophy**

**Hunter Core**
Individual and Society (Humanities) - I&S H
GER
2/C

Examination of basic philosophical questions through study of selected philosophical classics.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
offered each semester

PHILO 10400 - Introduction to Ethics and Moral Judgment

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

An introduction to theories of ethical reasoning and problems of moral judgment. Different theories of the good life and concepts of rightful conduct, especially regarding one's personal life and contemporary social problems, will be considered.

3 hrs
3 cr.
offered each semester

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.

3 hrs
3 cr.
offered each semester

Religion

REL 11000 - Nature of Religion (W)

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.

3 hrs
3 cr.

REL 11100 - Approaches to Religion (W)

Hunter Core
Individual and Society (I&S) Humanities
Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.

**REL 20400 - Religious Experience (W)**

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
GER
2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.

prereq: ENGL 12000
3 hrs
3 cr.

**REL 20500 - Faith and Disbelief (W)**

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.

prereq: ENGL 12000
3 hrs
3 cr.

**REL 20600 - Ideas of God in Contemporary Western Thought (W)**

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.

prereq: ENGL 12000
3 hrs
3 cr.

**REL 20700 - Religious Sources for Morality (W)**
Religious reasons for determining good and evil; religious sources for ethical decisions.

*prereq: ENGL 12000
3 hrs
3 cr.*

**REL 20900 - Religion and Human Rights (W)**

Hunter Core
Individual and Society - Humanities
GER
2/C

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

*prereq: ENGL 12000
3 hrs
3 cr.*

**REL 21100 - The Sacred Sky: Astrology in World Religions (W)**

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.

*prereq: ENGL 12000
3 hrs
3 cr.*

**REL 25100 - Asian Religions (W)**
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
REL 25500 - Religions of Two Gods (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

prereq: ENGL 12000
3 hrs
3 cr.

REL 25600 - Afro-Caribbean Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.

prereq: ENGL 12000
3 hrs
3 cr.

REL 25700 - Religions of Ancient Central and South America (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization.

The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

prereq: ENGL 12000
3 hrs
3 cr.

REL 25800 - Religions of Ancient Europe (W)
Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

3 hrs
3 cr.

REL 27000 - Religion and Psychology (W)

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15500 - The Culture of Old Russia

Religion, art, architecture and daily life in medieval Russia.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15600 - Culture of Imperial Russia: the Age of Empresses
Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.

cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15700 - The Age of the Great Masters

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15800 - Contemporary Russian Culture

Hunter Core
Individual & Society (I&S) Humanities
GER
2/C

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25000 - 19th Century Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
3 cr.
RUSS 25200 - Modern Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25300 - Russian Theater in English Translation (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Major writers and movements of the years 1890- 1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25500 - Russian Folklore, in Translation (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Common Slavic myths and traditions.

**prereq: ENGL 12000**

* 3 hrs
* 3 cr.

**RUSS 27000 - Russian Cinema and Society (W)**

**Hunter Core**

Individual and Society (Social Science) - I&S SS

**GER**

2/C

Exploration of how Russian cinema affects the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.

* 3 hrs
* 3 cr.

**RUSS 29500 - The Vampire in Lore and Literature (W)**

**Hunter Core**

Creative Expression (CE)

**GER**

2/C

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the 21st century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's *Nosferatu*, to Coppola's *Dracula*, to Hardwicke's *Twilight*.

*prereq: ENGL 22000*

* 3 hrs
* 3 cr.

**Spanish**

**SPAN 24100 - Civilization of Spain, in English**

**Hunter Core**

World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

GER 2/C PD/D

An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects.

*prereq: ENGL 12000*

* 3 hrs
* 3 cr.

**Theatre**
THEA 21100 - World Theatre I (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21300 - World Theatre III (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

Women and Gender Studies

WGSC 15600 - Culture of Imperial Russia: The Age of Empresses

Pluralism and Diversity
PD/C
GER
2/C
Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.

cross-listed RUSS 15600

prereq: ENGL 12000

3 hrs

3 cr.

WGS 200XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
PD/A or B or C or D (see department)

Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism & diversity requirement, for further detail see department.

3 hrs

3 cr.

Depending on topic may satisfy a GER requirement.

Stage 2D Visual and Performance Arts: Media, Art, Dance, Film, Music, Theatre: 3 credits

Arabic

ARB 25100 - Arab Cinema (in translation)

Hunter Core
Creative Expression (CE)

Pluralism and Diversity
PD/A

GER

2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

prereq: ENGL 12000 or equivalent

3 hrs

3 credits

Art

ARTH 11100 - Introduction to History of Art

Hunter Core
Individual and Society (Humanities) - I&S H

Pluralism and Diversity
PD/D

GER

2/D
Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr.

Dance

**DAN 10200 - Dance in Culture**

**Hunter Core**
Creative Expression (CE)
GER
GER 2/D

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

3 hrs.
3 cr.

**DAN 23200 - Global Dance History**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: N/A
3 hrs.
3 cr.

Film and Media Studies

**FILM 10100 - Introduction to Cinema**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
GER
2/D
Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.

3 hrs
3 cr.

Humanities Interdisciplinary

Macaulay Honors College

MHC 10000 - MHC Seminar 1, The Arts in New York City (W)

Hunter Core
Creative Expression (CE)
Fulfills GER 2D, Visual and Performing Arts: Media, Art, Dance, Film, Music, Theatre
prereq: Open to Macaulay Honors College students only
3 hours
3 credits

Music

MUSHL 10100 - A Thousand Years of Listening

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr.

MUSHL 10700 - The World of Music

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.
3 hrs
3 cr.

MUSTH 10100 - Music Theory Fundamentals

Hunter Core
Creative Expression (CE)
GER
2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr.

Theatre

THEA 10100 - Introduction to Theatre

Hunter Core
Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.
3 hrs
3 cr.

Stage 2E Natural Science: 7 credits

The goal of this requirement is to introduce students to the concepts and ways of thinking of the natural sciences. The sciences have intrinsic intellectual value, pursuing basic questions about the workings of the universe and the world around us. Students should be conversant with the rapid pace of scientific advances and able to make informed decisions about scientific matters in the public domain.

*Note: Two courses are required, one of which must include a laboratory component.*

Laboratory Courses:

Anthropology

ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10200 (STEM) - Human Variation

Hunter Core
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

Biological Science

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
PD/C or D

GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 12500 (STEM) - Human Biology
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr.
spring only

BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.
Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a “crime scene” that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.
6 hrs
4.5 cr.
fall only

BIOL 16000 - Honors Principles of Biology II

Pluralism and Diversity
PD/C or D
GER
2/E

Physiological systems and their regulation: internal transport, hormones and gas exchange in plants and animals; osmoregulation; motility; nervous, neuroendocrine, immunological and sensory systems; behavior, reproduction and ecology. Students will read reviews of current research in addition to the required text. Guest speakers and class presentations.
Enrollment limited. Core credit awarded only if BIOL 10000 and 16000 are both completed. PD credit awarded only upon completion of BIOL 10000 and 16000.
prereq: grade of B or better in BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
not offered 2014-15

Chemistry

(Core credit only if both lecture and the corresponding lab are completed)

CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.

prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or
MATH 15200 or MATH 15500
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 10100 - Inquiries into the Nature of Matter

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students.
Primarily for nursing, nutrition and food science and public health students.

3 hrs
3 cr.

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
CHEM 10300 (STEM) - General Chemistry Laboratory I

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

Pluralism and Diversity
GER 2/E

Study of experiments designed to illustrate fundamental laws and techniques of chemistry. Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.

Offered only for special honors.

prereq or coreq: CHEM 10200
3 hrs
1.5 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10500 (STEM) - General Chemistry Laboratory II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

Pluralism and Diversity
GER 2/E

Laboratory experiments illustrating and applying theory of solutions to qualitative analysis. Offered for transfer students who have completed only one semester of General Chemistry Laboratory.

prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 11100 (STEM) - Chemical Principles

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data. Primarily for pre-med, medical laboratory sciences and science majors.
prereq or coreq: MATH 12400 or 12500 or 12550
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered fall

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry. Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.
CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate fundamental laws and techniques of organic chemistry. Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

*prereq: CHEM 10100
*prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

Geography

PGEOG 13000 (STEM) - Weather and Climate

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**GER**
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

Material Fee: $5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

Geology

GEOL 10000 - Introduction to Geology

**Hunter Core**
Scientific World (SW)

**GER**
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.
GEOL 10100 - Introductory Geology Lab

Hunter Core
Life & Physical Sciences
GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr.

GEOL 10200 - Plate Tectonics and the Earth's Evolution

GER
2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

GEOL 23100 - Principles of Geomorphology

GER
2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.
prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr.

Physics and Astronomy

ASTRO 10000 - Basic Concepts in Astronomy

Hunter Core
Scientific World (SW)
GER
2/E
This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe.

3 hrs.
3 cr.

ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises

GER
2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.

5 hrs
4 cr.

ASTRO 10200 - Laboratory Explorations in Astronomy

Hunter Core
Life and Physical Sciences (LPS)

GER
2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.

prereq or coreq: ASTRO 10000

3 hrs
3 cr.

ASTRO 10700 - Laboratory Exercises in Astronomy

GER
2/E

Classroom and online experimental laboratory exercises in astronomy to observe the major features of the night sky, demonstrate the physical basis of astronomical instruments, and experiment with astronomical phenomena. Only offered to students who have previously taken ASTRO 100 which is no longer offered [ASTRO 100 + ASTRO 107 are replaced by ASTRO 10100].

prereq or coreq: ASTRO 10000

2 hrs
1 cr.

(together with ASTRO 10000 or equivalent)

PHYS 10000 - Basic Concepts of Physics
This is an introductory, one-semester physics course designed for non-science majors. It minimizes the use of mathematics, beyond simple addition, multiplication, subtraction and division. The course will meet three hours per week in lecture. The contents are the lecture material of the existing PHYS 101 LC course. Topics include: Newton's laws of motion, linear motion and falling objects, momentum, energy, rotational motion, gravity, atomic structure, liquids, gases, heat, vibrations and waves, sound, electrostatics, electric current, magnetism, electromagnetic induction, light, color, reflection and refraction, an introduction to quantum mechanics, and radioactivity. This course is a co-requisite or pre-requisite of PHYS 10100, which consists of traditional lab experiments and guided problem-solving sessions, that are closely correlated with the lecture material covered in this course.

PHYS 10100 - Basic Concepts of Physics with Laboratory Exercises

Hunter Core
Life and Physical Sciences (LPS)
GER
2/E

Introductory one-semester physics lab-based course designed for non-science majors. The course emphasizes the basic concepts of physics, and a qualitative understanding of physics in everyday life.

prereq or coreq: PHYS 10000

3 hrs
3 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500

7 hrs (3 lec, 3 lab, 1 rec)

4.5 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

**PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

*prereq: PHYS 11000 or 11100*

7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

*prereq: PHYS 11000 or 11100*

*prereq or coreq: (with perm dept.): MATH 15500*

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

Non-Laboratory Courses:

**Computer Science**

**CSCI 12000 - Introduction to Computers**

**Hunter Core**
Scientific World (SW)
GER
2/E

Intended for non-majors. Basic concepts of computer technology. Principles of hardware operation, software and networking. Roles of computers in society, including ethical and legal issues.

This course cannot be counted towards the CSCI major

*prereq: none*

3 hrs
3 cr.

**CSCI 12700 - Introduction to Computer Science (STEM)**
Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

CSCI 13300 - Programming for Everyone

Hunter Core
Scientific World (SW)
GER
2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
3 cr.

Geography

GEOL 18000 - Introduction to Oceanography

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring

Physics & Astronomy

ASTRO 10000 - Basic Concepts in Astronomy
This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe.

3 hrs.
3 cr.

Geology

**GEOL 10500 - Introduction to Environmental Studies**

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.

*prereq: ENGL 12000*

3 hrs.
3 cr.

School of Public Health

**PH 32800 - Public Health Biology**

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.

Minimum GPA to enroll - 2.75

*prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100, or equivalent.*

3 hrs
3 cr.

List of Approved Courses for GER Core Stage 3: Focused Exposure

Stage 3A Humanities or Visual and Performing Arts: 3 credits

Africana and Puerto Rican/Latino Studies

**AFPRL 32000 - African-Caribbean Culture (W)**
Pluralism and Diversity
PD/A or B
GER
3/A

 prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr.

AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)

Pluralism and Diversity
PD/A
GER
3/A

Examination of African religious systems, metaphysical conceptions and philosophy.
 prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr.
offered every other sem.

AFPRL 32300 - Islam and Christianity in Africa (W)

GER
3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.
 prereq: AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr.

AFPRL 33000 - Autobiography as a Theme in Black Literature (W)

GER
3/A

Treatment of autobiographical works of Black authors in U.S., Caribbean and Africa during 19th and 20th centuries.
 prereq: AFPRL 23600 or perm instr
3 hrs
3 cr.

AFPRL 33600 - African-American Women Writers (W)

Pluralism and Diversity
PD/C
GER
3/A
African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction and children's books.

cross-listed WGS 33600 (W)

prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr.

**AFPRL 33700 - Caribbean Women Writers (W)**

**GER**

3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.

cross-listed WGS A 33700 (W)

prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr.

**AFPRL 35500 - The African Image in 19th and 20th century Spanish Antillean Poetry (W)**

**Pluralism and Diversity**

PD/A

**GER**

3/A

The portrayal of the African image in Spanish Antillean poetry seen through the work and poetic trends of its major exponents.

prereq: AFPRL 14300 or SPAN 20800, reading knowledge of Spanish

3 hrs
3 cr.

**AFPRL 35600 - Latino Literature in English (W)**

**Pluralism and Diversity**

PD/B

**GER**

3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).

3 hrs
3 cr.

**AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)**

**Pluralism and Diversity**

PD/A or B

**GER**

3/A
Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.

prereq: AFPRL 14100 or 24300
3 hrs
3 cr.

**AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)**

GER
3/A or B

Topics change according to instructor.
Open to Jr/Sr only.
3 hrs
3 cr.

**AFPRL 44500 - Caribbean Short Story in Spanish: Readings and Theories**

GER
3/A

A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.

prereq or coreq: SPAN 20800
3 hrs
3 cr.

**Art**

- ARTH All 200- and 300-level ARTH courses (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

**Classical and Oriental Studies**

**Chinese**

**CHIN 35500 - Classical Chinese Fiction in English Translation (W)**

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.

prereq: ENGL 12000
3 hrs
3 cr.
CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr.

Classics

CLARC 20200 - Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000; CLA 20100 or CLARC 20400
3 hrs
3 cr.

CLARC 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.
prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLARC 20400
3 hrs
3 cr.
CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity
PD/D
GER
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.

prereq: ENGL 12000; CLARC 20300 -or- CLARC 20400
3 hrs
3 cr.
fall only

CLARC 32100 - Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32500 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLA 25400 - The Ancient Novel in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.

prereq: ENGL 22000 or perm instr.
CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

Pluralism and Diversity
PD/D
GER
3/A

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr.

CLA 30300 - Religion of Ancient Greece (W)

Pluralism and Diversity
GER 3/A

The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.
prereq: ENGL 12000, CLA 10100 or 20100
3 hrs
3 cr.

CLA 30400 - Pagans and Christians (W)

Pluralism and Diversity
PD/D
GER
3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLA 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.
cross-listed WGSC 30500 (W)
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLA 30800 - Magic and Science in the Ancient World (W)
GER
3/A

The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLA 31000 - Ancient Sports and Spectacles (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLARC 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.
prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

Hebrew
HEBR 21400 - Maimonides’ Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A

Study of this work in English with reference to Maimonides’ influence on development of medieval Aristotelianism.
3 hrs
3 cr.

HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity
PD/A
GER
3/A

A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.
prereq: ENGL 12000
3 hrs
3 cr.

HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr.

HEBR 22000 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women’s issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain
fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.

cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

GER
3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.
3 hrs
3 cr.

HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr

HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr
HEBR 29600 - The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
3 hrs
3 cr

HEBR 31000 - Modern Hebrew Literature I

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
3 cr

HEBR 31100 - Modern Hebrew Literature II

GER
3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31500 - Biblical Literature: Pentateuch

Pluralism and Diversity
PD/A
GER
3/A

Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity
PD/A
GER
Selections from books of Joshua, Judges, Samuel and Kings.

*prereq: HEBR 20200 or equiv.*

3 hrs

3 cr.

**HEBR 31700 - Biblical Literature: Prophetic Books**

**Pluralism and Diversity**

PD/A

**GER**

3/A

Selections from minor and major prophets.

*prereq: HEBR 202 or equiv.*

3 hrs

3 cr

**HEBR 31800 - Biblical Literature: Hagiographa**

**Pluralism and Diversity**

PD/A

**GER**

3/A

Selections from Job, Proverbs, Psalms and the five Megillot.

*prereq: HEBR 20200 or equiv.*

3 hrs

3 cr

**HEBR 32000 - The Modern Hebrew Short Story**

**GER**

3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends.

*prereq: HEBR 20200 or equiv.*

3 hrs

3 cr.

**HEBR 22300 - Introduction to Talmudic Literature in Translation**

**Hunter Core**

World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A

**GER**

3/A

Introduction to the structure, content, and formation of the Talmudic corpus and the history of its interpretation and application. All texts studied in English translation.
Counts toward Hebrew major and Hebraic Studies Minor.

prereq: ENGL 12000
3 hrs.
3 cr.

HEBR 32200 - Medieval Literature

Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32400 - The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
3/A

Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32500 - History of Modern Hebrew Literature

GER
3/A

Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32600 - Hebrew Poetry Between the Two World Wars

GER
3/A

Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700 - The Modern Hebrew Novel

GER
3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32800 - Contemporary Hebrew Prose

GER
3/A

prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 33100 - Medieval Hebrew Philosophic Texts

GER
3/A

Study of selected chapters of Halevi's Kuzari and Maimonide' Moreh Nebukim (Guide to the Perplexed).
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

Russian

RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

Hunter Core
Individual and Society Humanities (I&S) H
Pluralism and Diversity
PD/D
GER
3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 26000 - Russian Women Writers in English Translation (W)

Hunter Core
I&S H
Pluralism and Diversity
Ger
3/A


cross-listed WGSA 26000 (W)
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 29400 - Folklore and Literature (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
Ger
3/A

Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 29600 - Vladimir Nabokov Between Two Cultures

Hunter Core
Creative Expression (CE)
Ger
3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.

prereq: ENGL 22000 or perm dept.
RUSS 29700 - The Russian Urban Novel in English Translation (W)

Hunter Core
Individual and Society - Humanities (I&S H)
GER
3/A

The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.

prereq: ENGL 22000 or perm dept.
3 hrs
3 cr.

RUSS 30200 - Advanced Russian II

GER
3/A

Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports.

prereq: RUSS 20200 or equiv
3 hrs
3 cr.

RUSS 32100 - Russian Short Story and Novella

Pluralism and Diversity
PD/D
GER
3/A

Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 32200 - Classical Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A

Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.
**RUSS 32300 - Modern Russian Poetry**

**Pluralism and Diversity**
PD/D  
GER  
3/A

Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, Yevtushenko.  
*prereq: RUSS 20200 or equiv.*  
3 hrs  
3 cr.

**RUSS 32400 - Literature of Kievian Rus' and Early Russian Literature through the Age of Classicism**

GER  
3/A

Major literary works of the Kievian period, 968 to 1237: The Primary Chronicle, The Tale of Igor's Campaign.  
*prereq: RUSS 20200 or equiv.*  
3 hrs  
3 cr.

**RUSS 34000 - 19th Century Russian Literature**

GER  
3/A

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.  
*prereq: RUSS 20200 or equiv.*  
3 hrs  
3 cr.

**RUSS 34100 - Tolstoy and Dostoevsky**

**Pluralism and Diversity**
PD/D  
GER  
3/A

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers Karamazov and others.  
*prereq: RUSS 20200 or equiv.*  
3 hrs  
3 cr.

**RUSS 34200 - Modern Russian Literature**
Pluralism and Diversity
PD/D
GER
3/A

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
*prereq: RUSS 20200 or equiv.
*3 hrs
*3 cr.

**RUSS 34300 - Russian Theater**

Pluralism and Diversity
PD/D
GER
3/A

Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov and others.
*prereq: RUSS 20200 or equiv.
*3 hrs
*3 cr.

**RUSS 34400 - The Silver Age of Russian Literature**

Pluralism and Diversity
PD/D
GER
3/A

Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
*prereq: RUSS 20200 or equiv.
*3 hrs
*3 cr.

**RUSS 36000 - Russian Women Writers**

Pluralism and Diversity
PD/C
GER
3/A

*cross-listed WGS 36100
*prereq: RUSS 20200 or equiv.
*3 hrs
*3 cr.

Dance
- All 200-level courses, except DAN 232 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

**English**

- All courses numbered ENGL 252 and above, except ENGL 303, 331, 332 and 338 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

**Film and Media Studies**

- All 200- and 300-level FILM-prefix courses, except production courses – FILMP (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)
- All 200- and 300-level MEDIA-prefix courses, except production courses-MEDP (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

**German**

- All 300-level courses in German (GERMN) plus 444 and 479 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

**Music**

- All 200-level MUSHL courses, except MUSHL 201, 205, 206 and 262 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

**Philosophy**

- All 200-level courses, except PHILO 203, 204 and those listed under Stage 3/B. All 300-level courses, except PHILO 375, 376 and 379 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

**Religion**

- All REL 300-level courses (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

**REL 31400 - Religion and Sports (W)**

**GER 3/A**

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in 19th century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of sport.
REL 32600 - Religious Meanings of the Qur'ān (W)

GER
3/A

This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" ("Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility (especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.

Romance Languages

- FREN 25200 through 25600, 26200, 34100 through 37500 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)
- ITAL 27600, 33800, 33900, 34100 through 37500 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)
- SPAN 26500W, 26900W, 33500, 33600, 34100 through 37500 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

Theatre

- All THEA courses numbered 21400 and above, except 25100, 26300, 28100 and 35100 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

Women and Gender Studies

WGS 20100 - Classics in Feminist Thought (W)

Pluralism and Diversity
PD/C
GER
3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzaldúa, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and
Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.

prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr.

WGS 21600 - Women Philosophers of the Past

Pluralism and Diversity
PD/C
GER
3/A

Study of the writings and ideas of selected women philosophers who lived before the contemporary feminist movement.
cross-listed PHILO 21600
prereq: ENGL 12000, one course in philosophy
3
3

WGSA 22252 - Topics in Genre Studies: The Woman's Film of the 1940s

Pluralism and Diversity
PD/C
GER
3/A

Discussion of the women's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator. Depending on topic, will satisfy a GER category.cross-listed FILM 22252
prereq: FILM 10100
4 hrs
3 cr.

WGST 23000 - Feminism: Philosophical Theory and Practice (W)

Pluralism and Diversity
PD/C
GER
3/A

Analysis of feminist theories and their practical implications.
cross-listed PHILO 23000
prereq: ENGL 12000 and one course in philosophy
3 hrs
3 cr.

WGSA 25000 - Women and Music (W)

Pluralism and Diversity
PD/C
An ethnomusicological study of women and music in cross-cultural perspective.

*cross-listed* MUSHL 25000

*prereq:* ENGL 12000 and one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000 or perm instr.

3 hrs

3 cr.

**WGS 25800 - Topics in Literature by Women (W)**

*Pluralism and Diversity*

*GER*

3/A

Selected works by women written in English will be studied with an emphasis on the diversity of women's lives and the effect of gender on experience.

May be repeated once for credit with a different topic.*cross-listed* ENGL 25800

*prereq:* ENGL 22000

3 hrs

3 cr.

**WGSA 26000 - Russian Women Writers in English Translation (W)**

*Pluralism and Diversity*

*GER*

3/A

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskiaia, and others.*cross-listed* RUSS 26000

*prereq:* ENGL 22000

3 hrs

3 cr.

**WGSA 26900 - Spanish American Women's Literature and Cinema (W)**

*Pluralism and Diversity*

*GER*

3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.*cross-listed* SPAN 26900

*prereq:* ENGL 12000

3 hrs

3 cr.
WGS 300XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings.
Depending on topic, course may satisfy a GER category.
3 hrs
3 cr.
Check class schedule for offerings. Depending on topic may fulfill a GER requirement.

WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.
cross-listed CLA 30500
prereq: ENGL 12000
3 hrs
3 cr.

WGSA 31900 - Advanced Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women in relation to a special theme, technique, genre, theoretical issue or cultural consideration. May be repeated once for credit with a different topic.
cross-listed ENGL 31900
prereq: ENGL 22000
3 hrs
3 cr.

WGS 33600 - African-American Women Writers (W)

Pluralism and Diversity
PD/B or C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction, and children's books.
cross-listed AFPRL 33600
prereq: AFPRL 23600 or perm instr.
WGSA 33700 - Caribbean Women Writers (W)

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, eolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.

cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr.

WGSA 36100 - Russian Women Writers

Pluralism and Diversity
PD/C
GER
3/A


cross-listed RUSS 36000
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

WGSA 38400 - Women and Media (W)

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.

cross-listed MEDIA 38400
prereq: MEDIA 18000
3 hrs
3 cr.

Stage 3B Social Science or Natural Science/Mathematics: 3 credits

Africana and Puerto Rican/Latino Studies

AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)
Pluralism and Diversity
PD/B
GER
3/B

Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr.

AFPRL 30600 - Modern African International Relations (W)

Pluralism and Diversity
PD/A
GER
3/B

Factors affecting relations among African states and between African and non-African states within international system.
prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr.

AFPRL 30700 - Contemporary African Politics (W)

GER
3/B

Study of post-independence nationalism, political systems, regional and inter-nation cooperation of African nations.
prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr.

AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)

GER
3/B

Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.
prereq: AFPRL 20700 or 21000 or perm instr.
3 hrs
3 cr.

AFPRL 30900 - African-Americans and Africa (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Major evidence of Black American involvement and interest in Africa from 1775 to present.
prereq: AFPRL 20300 or 20400
3 hrs
3 cr.

**AFPRL 31000 - Modern Nigeria (W)**

GER
3/B

Detailed study of the historical development of modern Nigeria from the late 19th century to the present.

prereq: perm instr.
3 hrs
3 cr.

**AFPRL 31300 - Slavery (W)**

Pluralism and Diversity
PD/A or B
GER
3/B

Historical overview of slavery from Africa to the Americas.

prereq: AFPRL 20300 or 20900 or perm instr.
3 hrs
3 cr.

**AFPRL 31400 - Blacks in Labor and Politics (W)**

GER
3/B

Black labor from emancipation to present. Emphasis on period between New Deal and present.

prereq: AFPRL 20400 or 20500 or perm instr.
3 hrs
3 cr.

**AFPRL 31800 - Women in Africa (W)**

Pluralism and Diversity
PD/C
GER
3/B

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.

cross-listed WGSC 31800 (A Writing-intensive Course)

prereq: AFPRL 20200 or 22200 or perm instr.
3 hrs
3 cr.

**AFPRL 31900 - Women in the African Diaspora (W)**
Pluralism and Diversity
PD/B or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

AFPRL 34200 - Political Nationalism in Puerto Rico (W)

Pluralism and Diversity
PD/A
GER
3/B

Nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy.
prereq: AFPRL 24200 or perm instr.
3 hrs
3 cr.

AFPRL 35100 - Major Puerto Rican Figures (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Theorists, poets and statesmen in formation of Puerto Rican nationality.
prereq: AFPRL 14300 or 24200 or 24300
3 hrs
3 cr.

AFPRL 35200 - Power Structure in Puerto Rico (W)

GER
3/B

Social analysis of class divisions, role of the economy and the United States presence in Puerto Rico.
prereq: AFPRL 24300 or 27000
3 hrs
3 cr.

AFPRL 36000 - Politics in Puerto Rico (W)

GER
3/B

Analysis of the political status issue, development of political parties, national leadership and participation.
AFPRL 24200 or 34200 or perm instr.

3 hrs

3 cr.

AFPRL 37000 - Sociolinguistic Fieldwork in Black and Puerto Rican/Latino Speech Communities (W)

GER
3/B

Sociolinguistic theory applied to linguistic varieties spoken in African American, African-Caribbean, Puerto Rican and other Latino communities.

prereq: AFPRL 18100 or ANTHC 15100

3 hrs

3 cr.

AFPRL 38400 - Poverty in Society (W)

GER
3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.

prereq: successful completion of any 2 AFPRL courses

3 hrs

3 cr.

AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

Pluralism and Diversity

PD/B

GER
3/B

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States.

prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.

3 hrs

3 cr.

AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)

GER
3/A or B

Topics change according to instructor.

Open to Jr/Sr only.

3 hrs

3 cr.

AFPRL 40100 - Pan-Africanism
Seminar traces development of Pan-Africanism through the 20th century.
Not open to freshmen.

prereq: AFPRL 20200 or 20400 or 20600
3 hrs
3 cr.

**AFPRL 40200 - African American Political Thought**

Comparative theorists; methods and ideological currents.

prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr.

**AFPRL 40300 - Development Strategies in the African-Caribbean**

Analysis of developmental strategies used by Caribbean nations after independence.

prereq: AFPRL 20700 or 20800 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

**AFPRL 42000 - The Black Church and Social Change**

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.

prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr.

**AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science**

Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.

prereq: perm dept.
3 hrs
3 cr.

AFPRL 42863 - Afro-Latino Culture and History

Pluralism and Diversity
PD/A
GER
3/A

3 hrs
3 cr.

AFPRL 44200 - History of Puerto Rican Labor Movements

GER
3/B

Historical development of Puerto Rican working class, its movements and organizations from 19th century to present.

prereq: AFPRL 24200 or 27000
3 hrs
3 cr.

Anthropology

- All ANTHC courses at the 200 and 300 level and all ANTHP courses at the 300 level (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

Biological Science

- All BIOL 200-level courses and above (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

Chemistry

- All CHEM 200-level courses and above, except CHEM 295

Computer Science

- CSCI 23200 and All CSCI courses numbered 235 and above

Economics

- All 200- and 300-level courses in Economics except ECO 20000 and 20100 and all Accounting and Business Law courses (ECO 27100, 27200, 28000, 37100–37400) (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

Geography
• All GEOG-, GEOL-, PGEO-prefix courses numbered 20000 to 38399 inclusive, except those courses listed for Stage 2B and 2E (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

History

• All HIST 300-level courses and above (please refer to Pluralism and Diversity and Writing fulfillment of additional criteria)

Human Rights

HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

Pluralism and Diversity
PD/D
GER
3/B

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.

prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.

3 hrs
3 cr.
fall and spring; summer when possible

Interdisciplinary Sciences and Mathematics

SCI 30200 - Ethical Conduct in the Natural and Physical Sciences

GER
3/B

Case studies of ethical issues in scientific research and education, including fraud, misrepresentation and negligence in scientific reporting. Term paper required.

prereq: 2 yrs lab science (BIOL 10000, 10200; CHEM 10200, 10300, 10400, 10500; PHYS 11000, 12000; or equiv.)
prereq or coreq: lab research experience in natural or physical sciences

2 hrs
2 cr.

Macaulay Honors College

MHC 20000 - MHC Seminar 3: Science and Technology (W)
Hunter Core
Scientific World (SW)
GER
GER 3B

prereq: Macaulay Honors College only. ENGL 12000; MHC 15000 or its equivalent at another CUNY Honors College campus
3 hours
3 credits

Mathematics and Statistics

- All MATH courses numbered 20000 and above, except MATH 26100 (MATH 37600W also meets Writing)
- All STAT courses numbered 21400 and above

Philosophy

PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25200 - Problems of Law and Morality
Philosophy of law and the relation of legal to ethical issues.  
*prereq: ENGL 12000 and one previous course in philosophy.*  
3 hrs  
3 cr.

**PHILO 25400 - Ethical Issues in Biology and Medical Care (W)**

GER  
3/B  
Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**PHILO 26800 - Mind, Language and Cognition (W)**

GER  
3/B  
An introduction to central concepts and issues in contemporary philosophies of mind, language, psychology, and cognitive science.  
*prereq: ENGL 12000 and one previous course in philosophy.*  
3 hrs  
3 cr.

**PHILO 27000 - Philosophy, Science and Culture (W)**

Hunter Core  
Scientific World (SW)  
GER  
3/B  
Issues relating to the impact of modern science on philosophy, religion and culture.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

**PHILO 27500 - Symbolic Logic**

GER  
3/B  
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.  
*cross-listed MATH 27500*
PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

PHILO 37500 - Advanced Symbolic Logic

GER
3/B

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability.

prereq: PHIL 27500 or equiv.
3 hrs
3 cr.

PHILO 37600 - Philosophy of Mathematics (W)

GER
3/B

Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. cross-listed with MATH 376.

prereq: ENGL 12000; one PHIL course and one PHIL or MATH course (precalculus or beyond)
3 hrs
3 cr.

PHILO 37900 - Philosophy of Science (W)

GER
3/B

Study of foundations of knowledge in natural and social sciences.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

Physics and Astronomy

- All 200-level courses
Political Science

- All POLSC 200-level and 300-level courses

**POLSC 30200 - Critical Theory and Politics (W)**

**GER**
3/B

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation.

**prereq:** ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor.

4 hrs
4 cr.

**POLSC 32200 - Social and Economic Policies in Western Europe and the United States (W)**

**Pluralism and Diversity**
PD/D
**GER**
3/B

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.

**prereq:** Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).

4 hrs
4 cr.

**POLSC 32300 - Politics of Public Budgeting (W)**

**GER**
3/B

This course sets the processes and techniques of public budgeting within the context of American political institutions at the national, state and local levels.

**prereq:** ENGL 12000 or the equivalent; two political science courses at the 200- level or above or permission of the instructor

4 hrs
4 cr.

**POLSC 38300 - Rising Powers, China, the U.S. and World Order (W)**

**GER**
3/B
An examination of global power shifts and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other "BRICS” countries.

prereq: ENGL 12000 and any course in International Relations
4 hrs
4 cr.

Psychology

- All PSYCH 200-level courses and above, except PSYCH 201, 306, 307, 395, 396 and 398 (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

Sociology

- All SOC 200-level courses and above (please refer to Pluralism and Diversity and Writing for fulfillment of additional criteria)

Urban Affairs and Planning

- All URBS 200-level courses and above, except URBS 20100

Women and Gender Studies

**WGS 200XX - Special Topics in Women and Gender Studies**

**Pluralism and Diversity**
PD/A or B or C or D (see department)
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism & diversity requirement, for further detail see department.

3 hrs
3 cr.

**WGS 20100 - Classics in Feminist Thought (W)**

**Pluralism and Diversity**
PD/C
GER
3/A or B

The course covers the historical debates within the ‘women’s movement’ in the United States by examining some of the ‘classical’ texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and
Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.

Prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr.

**WGST 20900 - Women and Gender in Western Political Thought (W)**

Pluralism and Diversity
PD/C or D
GER
3/B

The history of political thought from the perspective of gender relations and the treatment of women.
cross-listed POLSC 20900
Prereq: ENGL 12000 or equiv.
3 hrs
3 cr.

**WGSP 22300 - Sociology of the Family**

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed SOC 20100
Prereq: SOC 10100
3 hrs
3 cr.

**WGSP 23500 - The Psychology of Women (W)**

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
cross-listed PSYCH 23500
Prereq: 6 cr. in PSYCH courses
3 hrs
3 cr.

**WGSP 23900 - Child Welfare (W)**

GER
3/B
Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it.

cross-listed SOC 23900
prereq: ENGL 12000, SOC 10100
3 hrs
3 cr.

WGSS 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed SOC 25700
prereq: SOC 10100 or perm instr.
3 hrs
3 cr.

WGSP 26100 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed POLSC 21800
prereq: ENGL 12000
3 hrs
3 cr.

WGSP 26200 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B

Roles that women have played as subjects and objects in war and peace.
cross-listed POLSC 28000
prereq: ENGL 12000
3 hrs
3 cr.

WGS 300XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling
the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category.

3 hrs
3 cr.

**WGSC 30100 - Gender in Anthropological Perspective**

**Pluralism and Diversity**

**PD/C**

**GER**

3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.

cross-listed ANTHC 30100

prereq: ANTHC 10100 or perm instr.

3 hrs
3 cr.

**WGST 30900 - Feminist Political Theory**

**Pluralism and Diversity**

**PD/C**

**GER**

3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and global feminists.

cross-listed POLSC 30900

prereq: ENGL 12000

3 hrs
3 cr.

**WGSL 31500 - Work and Society (W)**

**GER**

3/B

Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.

cross-listed SOC 31500

prereq: SOC 10100

3 hrs
3 cr.

**WGSC 31800 - Women in Africa (W)**

**Pluralism and Diversity**

GER 3/B PD/A or C

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.
WGSL 32100 - Women and Globalization

GER
3/B

The situation of women from less developed countries with attention to the local and global forces shaping their lives. Topics include migration, the international division of labor, and worldwide adoption. Includes both theoretical approaches and practical issues related to improving women's place in society.

cross-listed ANTHC 32100

prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

WGSC 32900 - Women in the African Diaspora (W)

Pluralism and Diversity
PD/B or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.

cross-listed AFPRL 31900 (W)

prereq: AFPRL 20400, 20900 or 21000 or perm instr.
3 hrs
3 cr.

WGSL 34500 - Women and Men in the Labor Market

Pluralism and Diversity
PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, 'human capital' investments, labor market policy issues.

cross-listed ECO 34500

prereq: ECO 20000
3 hrs
3 cr.

WGS 36000 - Feminist Social Theory

Pluralism and Diversity
PD/C
GER
3/B
An introduction to feminist theory developed by women from Western, Third World and other countries.

*cross-listed SOC 36000*

*prereq: SOC 10100 or perm instr.*

3 hrs

3 cr.

**WGS 400XX - Special Topics in Women and Gender Studies**

**Pluralism and Diversity**

see department for GER or PD requirement as it will vary by topic course.

Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category.

3 hrs

3 cr.

**List of Approved Courses for the Pluralism and Diversity Requirement**

**Pluralism and Diversity Requirement – Group A: 3 credits**

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, economic, geographic, literary, political, scientific or social) that emerge from, are reflected in or are principally derived from the historical conditions, perspectives and/or intellectual traditions of non-European societies, particularly those of Africa, Asia, Latin America or those indigenous to the Americas.

**Africana and Puerto Rican/Latino Studies**

**AFPRL 10100 - Introduction to Africana Studies**

**Pluralism and Diversity**

PD/A or B

**GER**

2/B

Introduction to the history and culture of Africa and the African diaspora.

3 hrs

3 cr.

**AFPRL 14100 - Puerto Rican Folklore**

**Pluralism and Diversity**

PD/A or B

**GER**

2/C
Study of Puerto Rican folklore: traditional beliefs, legends, religious rites and typical music.

3 hrs
3 cr.

**AFPRL 14300 - The Image of the Puerto Rican National Identity in Its Literature**

Pluralism and Diversity
PD/A
Analysis of literary works of Puerto Rican authors and their images of Puerto Rican society. 
*prereq: ENGL 12000 and reading knowledge of Spanish*
3 hrs
3 cr.
offered fall only

**AFPRL 20100 - African History from Human Origins to 1600 CE**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.
3 hrs
3 cr.

**AFPRL 20200 - African History Since 1600 CE**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Main currents of African history from 1600 CE to present
3 hrs
3 cr.

**AFPRL 20600 - African Political and Social Change**

Pluralism and Diversity
PD/A
Introductory study of political and social change in Africa during the second half of the 20th century.
3 hrs
3 cr.

**AFPRL 20700 - African Caribbean Politics I**
Pluralism and Diversity
PD/A
Examines political economy of slavery and colonialism and responses of Caribbean people from 1492 to political independence.
3 hrs
3 cr.

AFPRL 20800 - African Caribbean Politics II

Pluralism and Diversity
PD/A
Begins with attainment of political independence by major Caribbean countries; focuses on nation building.
prereq: AFPRL 20700
3 hrs
3 cr.

AFPRL 20900 - Introduction to Caribbean History to 1900

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 21000 - Introduction to Caribbean History: 1900 - Present

Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 22000 - African Spirituality in the Diaspora

Pluralism and Diversity
PD/A or B
GER
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in
dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.

3 hrs
3 cr.

**AFPRL 2200 - African Civilization**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/C

Introduction to study of African civilization.

3 hrs
3 cr.

**AFPRL 23500 - African Literature (W)**

**Pluralism and Diversity**
PD/A
GER
2/A

Introduction to contemporary African literature originally written in English. The course is conducted in English; all course requirements are in English.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 23700 - African Caribbean Literature (W)**

**Pluralism and Diversity**
PD/A or B
GER
2/A

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)**

**Hunter Core**
English Composition (EC)

**Pluralism and Diversity**
PD/A or B
GER
2/A
Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.

*prereq: ENGL 12000*

*3 hrs*

*3 cr*

**AFPRL 24100 - Puerto Rican History to 1897**

**Pluralism and Diversity**

**PD/A**

**GER**

**2/B**

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.

*3 hrs*

*3 cr.*

**AFPRL 24200 - Puerto Rican History Since 1898**

**Pluralism and Diversity**

**PD/A**

**GER**

**2/B**

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.

*3 hrs*

*3 cr.*

**AFPRL 24300 - Puerto Rican Culture**

**Hunter Core**

World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

**PD/A or B**

**GER**

**2/C**

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.

*3 hrs*

*3 cr.*

**AFPRL 24500 - Puerto Rican Literature I**

**Pluralism and Diversity**

**PD/A**

Analysis of the emergence and development of the various literary genres which surfaced during the 19th century in the literature of Puerto Rico. Discussion and analysis of major 19th century Puerto Rican authors (Hostos, Tapia and Zeno Gandia).

*prereq: SPAN 20200 or equiv. or perm instr.*
AFPRL 24600 - Puerto Rican Literature II

Pluralism and Diversity
PD/A
Discussion and analysis of the literary and cultural evolution of Puerto Rico viewed through the works of key 20th century authors. Literary production from the 1960s onwards is emphasized.
prereq: SPAN 20200 or equiv. or perm instr.
3 hrs
3 cr.

AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies

Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
3 cr.

AFPRL 30600 - Modern African International Relations (W)

Pluralism and Diversity
PD/A
GER
3/B
Factors affecting relations among African states and between African and non-African states within international system.
prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr.

AFPRL 30900 - African-Americans and Africa (W)

Pluralism and Diversity
PD/A or B
GER
3/B
Major evidence of Black American involvement and interest in Africa from 1775 to present.
prereq: AFPRL 20300 or 20400
3 hrs
3 cr.

AFPRL 31300 - Slavery (W)

Pluralism and Diversity
PD/A or B
GER
Historical overview of slavery from Africa to the Americas.
prereq: AFPRL 20300 or 20900 or perm instr.
3 hrs
3 cr.

**AFPRL 32000 - African-Caribbean Culture (W)**

Pluralism and Diversity
PD/A or B
GER
3/A

prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr.

**AFPRL 32100 - Caribbean Migration and New York City (W)**

Pluralism and Diversity
PD/A or B
GER
3/B

An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.
prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3 cr

**AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)**

Pluralism and Diversity
PD/A
GER
3/A

Examination of African religious systems, metaphysical conceptions and philosophy.
prereq: AFPRL 22200 or perm instr.
3 hrs
3 cr.
offered every other sem.

**AFPRL 34200 - Political Nationalism in Puerto Rico (W)**

Pluralism and Diversity
PD/A
GER
3/B
Nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy.  
prereq: AFPRL 24200 or perm instr.  
3 hrs  
3 cr.

**AFPRL 35100 - Major Puerto Rican Figures (W)**

Pluralism and Diversity  
PD/A or B  
GER  
3/B

Theorists, poets and statesmen in formation of Puerto Rican nationality.  
prereq: AFPRL 14300 or 24200 or 24300  
3 hrs  
3 cr.

**AFPRL 35500 - The African Image in 19th and 20th century Spanish Antillean Poetry (W)**

Pluralism and Diversity  
PD/A  
GER  
3/A

The portrayal of the African image in Spanish Antillean poetry seen through the work and poetic trends of its major exponents.  
prereq: AFPRL 14300 or SPAN 20800, reading knowledge of Spanish  
3 hrs  
3 cr.

**AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)**

Pluralism and Diversity  
PD/A or B  
GER  
3/A

Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.  
prereq: AFPRL 14100 or 24300  
3 hrs  
3 cr.

**AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science**

Pluralism and Diversity  
PD/B  
GER
3/A or B

Topics change according to instructor. Pluralism and diversity requirements are dependent on the topic course.

prereq: perm dept.
3 hrs
3 cr.

Anthropology

ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr.
offered every sem.

ANTHC 20000 - Africa: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Pre-colonial, colonial and contemporary communities, subsistence and exchange systems and ecological adaptations.
3 hrs
3 cr.

ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.
3 hrs
3 cr.

ANTHC 20400 - East Asia: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Historical and regional variation in various East Asian societies, with a focus on political economy, family, kinship, community and national minorities.
3 hrs
3 cr.

ANTHC 21100 - Native North America: Societies and Cultures

Pluralism and Diversity
PD/A or B
GER
3/B

Adaptive strategies and cultural variations in pre and post-contact periods; problems in contemporary societies.
3 hrs
3 cr.

ANTHC 21300 - Latin America: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Development and organization of tropical forest Indians, hacienda and plantation economies, peasant and urban societies.
3 hrs
3 cr.

ANTHC 21400 - The Caribbean: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
3 hrs
3 cr.

ANTHC 22600 - Archaeology of Africa

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies.
prereq: ANTHC 12600 or perm instr.
ANTHC 22800 - Archaeology of the Near East to 2000 BC

Pluralism and Diversity
PD/A
GER
3/B

Sociocultural development of Near East from early hunter-gatherers to first states and empires.
*prereq: ANTHC 12600 or perm instr.*
3 hrs
3 cr.

ANTHC 30700 - Anthropology of Religion

Pluralism and Diversity
PD/A
GER
3/B

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr.

ANTHC 30800 - Human Ecology

Pluralism and Diversity
PD/A
GER
3/B

Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.
*prereq: ANTHC 10100 or perm instr.*
3 hrs
3 cr.

ANTHC 30900 - Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
*prereq: ANTHC 10100 or perm instr.*
3 hrs
3 cr.

ANTHC 31000 - Politics and Power in Anthropological Perspective

Pluralism and Diversity
PD/A
Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions. 

prereq: ANTHC 10100 or perm instr.

3 hrs

3 cr.

Art

ARTH 20500 - Egyptian Art

Pluralism and Diversity

PD/A

GER

3/A

Geographical, historical and social conditions of the Nile. Influence of Egyptian art.

prereq: ARTH 11100

prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.

3 hrs

3 cr.

ARTH 26000 - Islamic Art and Architecture

Pluralism and Diversity

PD/A

GER

3/A

Introduction to the art and architecture of Islamic lands (7th to 19th century).

prereq: ARTH 11100

3 hrs

3 cr.

ARTH 26300 - Art of East Asia: Painting and Calligraphy

Pluralism and Diversity

PD/A

GER

3/A

Art of the brush in a chronological and thematic approach. From the classical tradition up until the 20th century.

prereq: ARTH 11100

3 hrs

3 cr.

ARTH 27000 - Art of Africa and Oceania
Pluralism and Diversity
PD/A
GER
3/A

Survey of African art; function, subjects, forms and styles of the arts in the cultural contexts.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 36100 - Special Topics Lecture in Islamic Art (W)

Pluralism and Diversity
P/D A
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

ARTH 37100 - Special Topics Lecture in Asian Art (W)

Pluralism and Diversity
P/D A
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

ARTH 46000 - Advanced Studies Seminar in Islamic Art (W)

Pluralism and Diversity
P/D A
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTH 30000 and two 200-level art history courses. Art History majors and minors and Studio Art majors.
3 hrs
3 cr.

ARTH 47000 - Advanced Studies Seminar in Asian Art (W)
Pluralism and Diversity
P/D A
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.
3 hrs
3 cr.

Classical and Oriental Studies

Arabic Division

ARB 15000 - Introduction to Modern Arab Cultures

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D A
This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs
3 cr.

ARB 25000 - The Arab Novel (in translation) (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

prereq: ENG 22000 or equiv.
3 hrs
3 cr.

ARB 25100 - Arab Cinema (in translation)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D
This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

**ARB 25200 - Literatures from the Islamic World (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

**prereq: ENGL 12000 or equivalent**
3 hrs
3 credits

**ARB 25300 - Literatures and Cultures of Muslim Spain (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.

**prereq: ENGL 12000 or equivalent**
3 hrs
3 credits

**ARB 25400 - The Arabian Nights East and West (W)**

**Hunter Core**
Creative Expression (CE)

**Pluralism and Diversity**
PD/A
GER
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.

**prereq or coreq: ENGL 12000 or equivalent**
3 hours
3 credits

**ARB 255000 - Modern Palestinian Culture**
War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.

3 hrs
3 cr.

ARB 25600 - Modern Arab Theatre

Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.

3 hrs
3 cr.

ARB 25700 - Language and Culture in Contemporary North Africa

North Africa (Maghreb) is often described as a crossroads of many cultures - Arab, Berber, African, European, and others. Over the course of this semester, we will discuss important issues facing this region, including democratic reform efforts both before and following the Arab spring, Berber language movements and other language debates, colonial and post-colonial struggles, and social and cultural debates surrounding gender and religion. Through readings of key literary, historical, political, and cultural texts, as well as viewing important documentary and fictional film productions, we will examine this fascinating region from multiple vantage points.

prereq: ENGL 12000
3 hrs
3 cr.

ARB 40100 - Focused Arabic Study for Advanced Students

A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

prereq: ARB 30200
ARB 49801, 49802, 49803 - Internship in Arab Studies

Pluralism and Diversity
PD/A
This course will give students real-world experience with Arab/Middle East-related organizations where they can apply their academic and linguistic experience, interact with and serve Arab communities, expand their professional network, and develop skills relevant to future professional jobs. This course may be taken for a maximum total of 6 credits.

prereq: Departmental permission
1-3

Chinese Division

CHIN 11100 - Chinese Culture I

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
3 cr.

CHIN 11200 - Chinese Culture II

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A

Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.
3 hrs
3 cr.

CHIN 30600 - 20th-century Chinese Literature

Pluralism and Diversity
PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.

CHIN 30700 - Classical Chinese Poetry
Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
_prereq: CHIN 30400 or equiv._
3 hrs
3 cr.

**CHIN 35500 - Classical Chinese Fiction in English Translation (W)**

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
_prereq: ENGL 12000_
3 hrs
3 cr.

**CHIN 35700 - Chinese Poetry in English Translation (W)**

Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.
_prereq: ENGL 12000_
3 hrs
3 cr.

Classics Division

**CLARC 32100 - Archaeology of Egypt (W)**

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.
_prereq: ENGL 12000, CLARC 20400_
3 hrs
3 cr.

**CLARC 32500 - Archaeology of Eastern Mediterranean (W)**

Pluralism and Diversity
PD/A
GER
3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

Hebrew Division

HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity
PD/A
GER
3/A

A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.

prereq: ENGL 12000
3 hrs
3 cr.
HEBR 22000 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.

cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

HEBR 22100 - Modern Israeli Culture

Hunter Core
World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.

prereq: ENGL 12000
3 hours
3 credits

HEBR 22200 - Introduction to Jewish Texts and Writings

Hunter Core
World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.

prereq or coreq: ENGL 120
3 hours
3 credits

HEBR 24000 - Introduction to the Old Testament

Hunter Core
World Cultures and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and
methods of modern biblical criticism.

3 hrs
3 cr

HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

3 hrs
3 cr

HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.

3 hrs
3 cr

HEBR 28800 - Ancient Hebraic Folklore

Pluralism and Diversity
PD/A
GER
2/C

Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apocryphal literature and rabbinic Aggada.

3 hrs
3 cr

HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues

Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

3 hrs
3 cr
HEBR 29200 - The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr

HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr

HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr

HEBR 29600 - The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
3 hrs
3 cr

HEBR 31500 - Biblical Literature: Pentateuch
Selections from Pentateuch.

HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31600 - Biblical Literature: Historical Books

Selections from books of Joshua, Judges, Samuel and Kings.

HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31700 - Biblical Literature: Prophetic Books

Selections from minor and major prophets.

HEBR 202 or equiv.
3 hrs
3 cr.

HEBR 31800 - Biblical Literature: Hagiographa

Selections from Job, Proverbs, Psalms and the five Magillot.

HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 22300 - Introduction to Talmudic Literature in Translation

Hunter Core
World Culture and Global Issues (WCGI)
GER
3/A

Introduction to the structure, content, and formation of the Talmudic corpus and the history of its interpretation and application. All texts studied in English translation. Counts toward Hebrew major and Hebraic Studies Minor.

**prereq:** ENGL 12000
3 hrs.
3 cr.

Japanese Division

**JPN 25100 - Japanese Culture Before 1600**

**Hunter Core**
Individual and Society - Humanities (I&S H)

**Pluralism and Diversity**
PD/A

**GER**
2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian – to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries – most notably China – to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).

**prereq:** ENGL 120
3 hrs
3 cr

**JPN 25200 - Japanese Culture Since 1600**

**Pluralism and Diversity**
PD/A

**GER**
2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures – that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.

**prereq:** ENGL 12000
3 hours
3 credits

**JPN 26100 - Special Topics in Japanese Culture**
Pluralism and Diversity
PD/A
GER
2/C

Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the economic, political, and social conditions that shaped them.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

Russian Division

RUSS 29300 - Folklore in Translation: A Comparative Study

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in juxtaposition to Russian folklore.
prereq: ENGL 120
3 hrs
3 cr.

Dance

DAN 25200 - Special Topics: Traditional Dance I

Pluralism and Diversity
GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

This course only partially fulfills the electives requirement for the Dance BA degree.
prereq: placement class
4 hrs
2 cr.

DAN 35200 - Special Topics: Traditional Dance II

Pluralism and Diversity
PD/A
GER
3/A

Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
prereq: DAN 25200, perm dept.
4 hrs
2 cr.
Economics

**ECO 33000 - Economic Development**

**Pluralism and Diversity**
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.

*prereq: ECO 20000
3 hrs
3 cr.*

English

**ENGL 25000 - Topics in Literature**

**Hunter Core**
Creative Expression (CE)

**Pluralism and Diversity**
PD/A or B or C or D
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 25100 - Topics in Literature**

**Hunter Core**
Creative Expression (CE)

**Pluralism and Diversity**
PD/A
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 25500 - Topics in Non-European Literary Traditions (W)**
Pluralism and Diversity
PD/A
GER
3/A

Each course examines literature written in the English language by writers in non-European traditions. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 31700 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.
ENGL 33300 - Topics in Language and Linguistics

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.

prereq: ENGL 22000
3 hrs
3 cr.

Film and Media Studies

FILM 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100
4 hrs
3 cr.

MEDIA 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Challenges by developing-world films and filmmakers to Western media stereotypes.

prereq: MEDIA 18000
4 hrs
3 cr.
MEDIA 39500 - Mass Media in Developing Countries

Pluralism and Diversity
PD/A
GER
3/A

Exploration of impact of transnational corporations on developing countries and issues of cultural domination.

prereq: MEDIA 18000
3 hrs
3 cr.

FILM 21355 - National Cinema: Asian Cinema

Pluralism and Diversity
PD/A
GER
3/A

prereq: FILM 10100
4 hrs
3 cr.

Geography

GEOG 15000 - World Regions in Global Context

Hunter Core
World Cultures and Global Issues (WCGI)

Pluralism and Diversity
PD/A or D
GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

GEOG 27000 - Regional Geography of Mexico, Central America and the Caribbean

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of Mexico, Central America and West Indies.
3 hrs
3 cr.

GEOG 27100 - Regional Geography of South America

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of South America.
3 hrs
3 cr.

GEOG 27400 - Regional Geography of the Middle East and North Africa

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of Middle East and North Africa.
3 hrs
3 cr.

GEOG 27500 - Regional Geography of Sub-Saharan Africa

Pluralism and Diversity
PD/A
GER
3/B

Analysis of the relationship of natural environment to economic, social and political life of Africa south of Sahara.
3 hrs
3 cr.

GEOG 27700 - Regional Geography of East Asia

Pluralism and Diversity
PD/A
GER
3/B

Analysis of East Asia's potentials in terms of natural resources, population, industry and agriculture, with emphasis on China.
3 hrs
3 cr.
GEOG 27800 - Regional Geography of Russia and Central Asia

Pluralism and Diversity
PD/A or D
GER
3/B

Analysis of the relationship of the natural environment to economic, social and political life of Russia, the former Soviet republics of Central Asia and Mongolia.
3 hrs
3 cr.

GEOG 37000 - Geography of Sustainable Development in Developing Countries

Pluralism and Diversity
PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr.

GEOG 37100 - Rural Water Supply in Developing Regions

Pluralism and Diversity
PD/A
GER
3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.
prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr.

History

HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 20800 - History of the Jews

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

Prereq or coreq: ENGL 12000
3 hours
3 credits

HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)

Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 27651 - The Modern Middle East from 1800 to the Present (W)

Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 27700 - East Asia to 1600 (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 27800 - East Asia, 1600 to the Present (W)**

- **Hunter Core**
- World Culture and Global Issues (WCGI)
- **Pluralism and Diversity**
- PD/A
- GER
- 2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 28800 - History of Africa to the 19th Century**

- **Pluralism and Diversity**
- PD/A
- GER
- 2/B

Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact of the environment. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 28900 - Africa in the 19th and 20th Centuries (W)**

- **Pluralism and Diversity**
- PD/A
- GER
- 2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 30900 - Jewish History in the Ancient World**

- **Pluralism and Diversity**
- PD/A
- GER
- 3/B
The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 31900 - Jewish History in the Medieval and Early Modern Periods (W)**

**Pluralism and Diversity**

PD/A

GER

3/B

The Jewish people from late antiquity to the 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000*

3 hrs
3 cr.

**HIST 37300 - History of the Ottoman Empire (W)**

**Pluralism and Diversity**

PD/A

GER

3/B

This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the 12th-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.

*prereq: ENGL 12000*

3 hrs
3 cr.

**HIST 37900 - Japan to 1800**

**Pluralism and Diversity**

PD/A

GER

3/B

Japanese history from Neolithic times to the late Tokugawa period, emphasizing political, social, religious and cultural developments.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 38000 - Japan since 1800**
Pluralism and Diversity
PD/A
GER
3/B

Japan's remarkable transformation from the late Tokugawa to the present, emphasizing political, cultural and social-economic aspects of the Meiji Restoration, the rise of militarism and post-World War II developments. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

Jewish Studies

JS 15000 - Special Topics in Jewish Studies

Pluralism and Diversity
PD/A

Special Topics related to Jewish Studies at the introductory level.
3 hrs
3 cr.

JS 25000 - Special Topics in Jewish Studies

Pluralism and Diversity
PD/A

Special Topics related to Jewish Studies that move beyond the introductory level into more detailed understandings of the subject.
3 hrs
3 cr.

JS 35000 - Special Topics in Jewish Studies

Pluralism and Diversity
PD/A

Special Topics related to Jewish Studies that go into advanced studies of the field.
3 hrs
3 cr.

Honors

Music

MUSHL 10700 - The World of Music

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.

MUSHL 24000 - Music of the Caribbean and Latin America (W)

Pluralism and Diversity
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.

prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.

3 hrs
3 cr.

MUSHL 24100 - Music of Asia (W)

Pluralism and Diversity
PD/A
GER 3/A
Music and its relationship to dance and drama in the major civilizations of East Asia, Southeast Asia, South Asia, Central Asia, and the Middle East.

prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.

3 hrs
3 cr.

MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.

prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor

3 hrs
3 cr

MUSHL 24500 - Music of Africa (W)

Pluralism and Diversity
PD/A
GER 3/A
Introduction to traditional and popular African music and performance practices. Theoretical and methodological issues as defined by ethnomusicology.

prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
**MUSHL 26100 - Special Topics in History and Literature of Music (W)**

**Pluralism and Diversity**  
PD/A or B or C  
GER  
3/A

Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times. Depending on topic, may satisfy PD.  
*prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.*  
3 hrs  
3 cr.

**MUSHL 35200 - Introduction to Ethnomusicology I (W)**

**Pluralism and Diversity**  
PD/A  
*prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000*  
3 hrs  
3 cr.

**MUSHL 35300 - Introduction to Ethnomusicology II (W)**

**Pluralism and Diversity**  
PD/A  
Survey of musical traditions of North Africa, the Middle East, Oceania, and South and East Asia.  
*prereq: MUSTH 22100, 23100 or perm instr; ENGL 12000*  
3 hrs  
3 cr.

**Philosophy**

**PHILO 21900 - Chinese Philosophy (W)**

**Hunter Core**  
World Cultures and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/A  
GER  
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.
PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.

prereq: ENGL 12000
3 hrs
3 cr.

Political Science

POLSC 22800 - Protest Movements in American Politics (W)

Pluralism and Diversity
P/D B or C
GER
3/B

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.

prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

POLSC 25000 - Comparing Countries (W)

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
3/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include: Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.

prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

POLSC 25300 - Government and Politics in Latin America (W)

Pluralism and Diversity
PD/A
GER
Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.

*cross-listed* LACS 43405

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 25500 - Government and Politics of Japan and Korea (W)**

**Pluralism and Diversity**

**PD/A**

**GER**

3/B

Political, social and economic institutions of Japan and Korea; their domestic politics and relations with the world.

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 26200 - Government and Politics in Central America (W)**

**Pluralism and Diversity**

**PD/A**

**GER**

3/B

Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.

*cross-listed* LACS 43429

*prereq or coreq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 26300 - Government and Politics in the Middle East (W)**

**Pluralism and Diversity**

**PD/A**

**GER**

3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 26700 - The Politics of Southern Africa (W)**

**Pluralism and Diversity**

**PD/A**
GER
3/B

Political, economic, and social institutions in Angola, Botswana, Mozambique, Namibia, South Africa, and Zimbabwe.

cross-listed AFRL 29015
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 38100 - East Asia in World Politics (W)

Pluralism and Diversity
PD/A
GER
3/B

An examination of sources of stability and instability in East Asia, using social science theories and historical background.

prereq: ENGL 12000 or its equivalent; POLSC 27000 or perm instr.
3 hrs
3 cr.

POLSC 25000 - Comparing Countries (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include: Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.
prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

POLSC 35300 - Social Movements, Civil Society and the State in Latin America (W)

Pluralism and Diversity
P/D A
GER
3/A

Analysis of the role of popular and opposition movements in Latin America and their relationship to the state, from the challenges to the dictatorships of the 1970s through the contemporary neoliberal economic order and democratic polities.

prereq: ENGL 12000 or the equivalent; a course in comparative politics; minimum of 45 credits and 9 credits in
political science or permission of the instructor.
4 hrs
4 cr.

POLSC 35600 - India's Democratic Experiment (W)

Pluralism and Diversity
P/D A
GER
3/B

Assesses the nature and durability of India's democratic political system. Examines key events, personalities, institutions, and movements in Indian politics from Independence (1947) to the present. Focuses on the challenge of adapting democratic institutions to circumstances of extreme social diversity and economic deprivation.

prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr.

POLSC 36000 - Democracy & Development in a Globalizing World (W)

Pluralism and Diversity
P/D A
GER
3/B

The relationship between democracy and development in post-colonial countries. Questions include: What relations of causality, in either direction, have political scientists sought to establish between democracy and development? What is the impact of globalization on these relations? How can historical analysis help to illuminate these and other issues, such as why some countries have been better at promoting per capita income growth than others? What efforts have been undertaken – by individual citizens, by civic groups, by aid donors – to plug the democratic deficits that arise in the course of pursuing development under 21st Century conditions?

prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr.

Religion

REL 25100 - Asian Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.

prereq: ENGL 12000
3 hrs
3 cr.
REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr.

REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25500 - Religions of Two Gods (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr.

REL 32000 - Hinduism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices.
**REL 32100 - Buddhism (W)**

Pluralism and Diversity  
PD/A  
GER  
3/A  

Study of Buddhism, its development, history, literature, philosophy and religious practices.  

*prereq: ENGL 12000*  
3 hrs  
3 cr.

**REL 32200 - Islam (W)**

Pluralism and Diversity  
PD/A  
GER  
3/A  

Study of Islam, its development, history, literature, philosophy and religious practices.  

*prereq: ENGL 12000*  
3 hrs  
3 cr.

**REL 32400 - Islam and Buddhism (W)**

Pluralism and Diversity  
PD/A  
GER  
3/A  

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.  

*prereq: ENGL 12000*  
3 hrs  
3 cr.

**REL 33600 - Zen (W)**

Pluralism and Diversity  
PD/A  
GER  
3/A  

An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds.  

*prereq: ENGL 12000*  
3 hrs  
3 cr.
REL 33700 - Sufism (W)

**Pluralism and Diversity**

**PD/A**

**GER**

3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta'awwuf, attending to the history, doctrine and metaphysics of the Sufi path.

**prereq:** ENGL 12000

3 hrs

3 cr.

Romance Languages

SPAN 26900 - Spanish American Women's Literature and Cinema (W)

**Pluralism and Diversity**

**PD/A or C**

**GER**

3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues. Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.

**cross-listed** WGSA 26900

**prereq:** ENGL 12000

3 hrs

3 cr.

Sociology

SOC 36100 - Development and Globalization (W)

**Pluralism and Diversity**

**PD/A**

**GER**

3/B

This course will examine the effort of poor countries to achieve economic and social development, and the possible outcomes of that effort. Effects on social relations and the living standards of the poor majority; the purposes of development, the strategies for development that have been adopted, and the theories which attempt to explain why countries do or do not grow economically.

**prereq:** SOC 10100

3 hrs

3 cr.

Women and Gender Studies
WGS 200XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
PD/A or B or C or D (see department)
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism & diversity requirement, for further detail see department.

3 hrs
3 cr.

WGSA 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
cross-listed SPAN 26900
prereq: ENGL 12000
3 hrs
3 cr.

WGS 300XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category.

3 hrs
3 cr.

Pluralism and Diversity Requirement – Group B: 3 credits

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, economic, geographic, literary, political, scientific or social) that emerge from, are reflected in or are principally derived from the historical conditions, perspectives, immigrant experiences and/or intellectual traditions of one or more of the following groups in the United States of America: African Americans, Asian Americans, Latino Americans and Native Americans.

Africana and Puerto Rican/Latino Studies

AFPRL 10000 - Introduction to Black Politics
Hunter Core
Individual and Society (Social Sciences) - I&S SS

Pluralism and Diversity
PD/B
GER
2/B

General survey of politics of African world with major emphasis on politics in Black America.

3 hrs
3 cr.

AFPRL 10100 - Introduction to Africana Studies

Pluralism and Diversity
PD/A or B
GER
2/B

Introduction to the history and culture of Africa and the African diaspora.

3 hrs
3 cr.

AFPRL 10200 - Latino Communities in the United States

Pluralism and Diversity
PD/B
GER
2/B

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.

3 hrs
3 cr.

AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective

Hunter Core
Individual and Society (Social Sciences) - I&S SS

Pluralism and Diversity
PD/B
GER
2/B

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.

3 hrs
3 cr.

AFPRL 10400 - Introduction to Puerto Rican and Latino Studies
An examination of the Puerto Rican and Latino experience in the United States as part of the larger ethnic minorities' struggle for political, cultural, and social recognition and equality. The course provides students with an introduction to and a basic understanding of the Puerto Rican and Latino experience in the US.

3 hrs
3 cr.

**AFPRL 14100 - Puerto Rican Folklore**

Pluralism and Diversity
PD/B or A
GER
2/C

Study of Puerto Rican folklore: traditional beliefs, legends, religious rites and typical music.

3 hrs
3 cr.

**AFPRL 20300 - African American History I**

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.

3 hrs
3 cr.

**AFPRL 20400 - African American History II**

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from Reconstruction to the present.

3 hrs
3 cr.

**AFPRL 20500 - African American Politics of Social Change**
The Civil Rights Movement and social change in U.S. since 1954.

3 hrs
3 cr.

**AFPRL 22000 - African Spirituality in the Diaspora**

**Pluralism and Diversity**
**PD/A or B**
**GER**
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.

3 hrs
3 cr.

**AFPRL 23600 - African American Literature (W)**

**Pluralism and Diversity**
**PD/B**
**GER**
2/A

Introduction to African American writing, from earliest expressions to present.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 23700 - African Caribbean Literature (W)**

**Pluralism and Diversity**
**PD/A or B**
**GER**
2/A

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)**

**Hunter Core**
**English Composition (EC)**

**Pluralism and Diversity**
**PD/A or B**
**GER**
2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.
prereq: ENGL 12000
3 hrs
3 cr

**AFPRL 24300 - Puerto Rican Culture**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A or B

**GER**
2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.

3 hrs
3 cr.

**AFPRL 24400 - Puerto Ricans in the United States**

**Pluralism and Diversity**

PD/B

**GER**
2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.

3 hrs
3 cr.

**AFPRL 25500 - Puerto Rican/Latino Children in North American Schools**

**Pluralism and Diversity**

PD/B

Survey of educational system viewed as an acculturating institution.

3 hrs
3 cr.

**AFPRL 26000 - Latinos and US Citizenship**

**Hunter Core**
Individual and Society

**Pluralism and Diversity**

PD/B

Study of the relationship of US Latinos to the institution of American citizenship through history and examination of major issues today.

3 hrs
3 cr.

**AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies**
Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
3 cr.

**AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)**

Pluralism and Diversity
PD/B
GER
3/B

Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century.

*prereq: AFPRL 20300 or 20400 or 20500*
3 hrs
3 cr.

**AFPRL 30900 - African-Americans and Africa (W)**

Pluralism and Diversity
PD/A or B
GER
3/B

Major evidence of Black American involvement and interest in Africa from 1775 to present.

*prereq: AFPRL 20300 or 20400*
3 hrs
3 cr.

**AFPRL 31300 - Slavery (W)**

Pluralism and Diversity
PD/A or B
GER
3/B

Historical overview of slavery from Africa to the Americas.

*prereq: AFPRL 20300 or 20900 or perm instr.*
3 hrs
3 cr.

**AFPRL 31900 - Women in the African Diaspora (W)**

Pluralism and Diversity
PD/B or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.

*cross-listed* WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

AFPRL 32000 - African-Caribbean Culture (W)

Pluralism and Diversity
PD/A or B
GER
3/A

prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr.

AFPRL 32100 - Caribbean Migration and New York City (W)

Pluralism and Diversity
PD/A or B
GER
3/B

An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.
prereq: ENGL 12000; AFPRL 20700, 20900, 21000, 30700 or 30800
3 hrs
3 cr.

AFPRL 35100 - Major Puerto Rican Figures (W)

Pluralism and Diversity
PD/A or B
GER
3/B

Theorists, poets and statesmen in formation of Puerto Rican nationality.
prereq: AFPRL 14300 or 24200 or 24300
3 hrs
3 cr.

AFPRL 35600 - Latino Literature in English (W)

Pluralism and Diversity
PD/B
GER
3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr.

**AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)**

*Pluralism and Diversity*
*PD/A or B*
*GER*
*3/A*

Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.

*prereq: AFPRL 14100 or 24300*

3 hrs
3 cr.

**AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)**

*Pluralism and Diversity*
*PD/B*
*GER*
*3/B*

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States.

*prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.*

3 hrs
3 cr.

**AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science**

*Pluralism and Diversity*
*PD/B*
*GER*
*3/A or B*

Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.

*prereq: perm dept.*

3 hrs
3 cr.

**Anthropology**

**ANTHC 21100 - Native North America: Societies and Cultures**

*Pluralism and Diversity*
*PD/A or B*
*GER*
*3/B*
Adaptive strategies and cultural variations in pre and post-contact periods; problems in contemporary societies.

3 hrs
3 cr.

**ANTHC 21500 - The Anthropology of Black America (W)**

*Pluralism and Diversity*
*PD/B*
*GER*
*3/B*

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.

*prereq: ENGL 12000*

3 hrs
3 cr.

**ANTHC 21800 - The Anthropology of the Civil Rights Movement in the U.S.**

*Pluralism and Diversity*
*PD/B*
*GER*
*3/B*

This course examines the grassroots struggle to gain equality and justice in the United States, viewed as a social protest movement, from the perspective of cultural anthropology. The course will focus on the major events, themes and issues of the Civil Rights Movement and examine their effect in challenging the American concept of democracy; in changing those who participated in it; and in spawning other social movements that transformed American society and culture.

*prereq: ANTHC 10100 or departmental permission*
*prereq or coreq: ENG 120*

3 hours
3 credits

**ANTHC 32000 - Problems in Anthropology**

*GER*
*3/B*

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.

*prereq: perm instr.*

3 hrs
3 cr.
*offered every sem.*

**ANTHC 42600 - Seminar in Archaeological Field Methods**

*Pluralism and Diversity*

See note below

Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.
The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.

3 hrs
3 cr.

Asian American Studies

ASIAN 21000 - Asians in the U.S.

Hunter Core
I&S H
Pluralism and Diversity
PD/B
Critical interdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order.
Recommended for but not required of AASP Minors.

3 hrs
3 cr.

ASIAN 22001 - Asian American Women Writers

Pluralism and Diversity
PD/B or C
Critical examination of Asian American women's identity formations in relation to factors such as racial ideology, global migrations of labor and capital, class status, sexuality, military conflict, constructions of family, and language.

3 hrs
3 cr.

ASIAN 22004 - Arab American Literature

Pluralism and Diversity
PD/B
Critical examination of a cross-section of literature and film/video/performance by Arab American writers and artists in an interdisciplinary investigation of the historical and contemporary experiences of Arab Americans in the United States and western diaspora.

3 hrs
3 cr.

ASIAN 22005 - South Asian Women's Literature (W)

Pluralism and Diversity
PD/B or C
Close examination of literary, historical, and theoretical texts with a focus on the cultural production and social movements of South Asian women, with particular attention to how issues of race and nationalism are shaped and how
they have overlapped with gender, class, sexuality, religion, and language.

3 hrs
3 cr.

ASIAN 22006 - Filipino American Literature (W)

Pluralism and Diversity
PD/B
Close examination of the historical and social contexts in which Philippine-American literature has evolved, the diverse aesthetics and themes of individual writers, and analysis of how issues of Philippine-American cultural production takes up issues of gender, class, sexuality, religion, language, and national identity.

3 hrs
3 cr.

ASIAN 22009 - Gender and Genre in Asian American Literature and Film

Pluralism and Diversity
PD/B, PD/C
Critical exploration of the social construction of Asian American identity in various genres: video art, prose, poetry, memoir, performance, and film. The emphasis of the course is on intersectional analyses that critically examine how race, gender, class, and sexuality inform Asian American artists' decisions regarding form and genre.

3 hrs
3 cr.

ASIAN 22012 - Asian American Literature

Pluralism and Diversity
PD/B or C
Critical examination of literary texts by Asians in the U.S. and western diaspora, tracing Asian American literary production in order to understand how these literatures are a formative site to engage in intersectional analyses of constructions of history, citizenship, and identity.

3 hrs
3 cr.

ASIAN 22500 - Asian American Art (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
P&D B
Introduction to Asian American artistic production through a survey of Asian American art and theory, including critical examinations of Asian American identity formation; transnationalism; constructions of race, gender, sexuality, class; and alternative artistic strategies.

prereq: ENGL 12000
3 hrs
3 cr.
ASIAN 23001 - Globalization and Gender

Pluralism and Diversity
PD/B
3 hrs
3 cr.

ASIAN 23002 - Asian American Communities and Mental Health

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
Introduction to psychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery.
3 hrs
3 credits

ASIAN 32001 - Nation, Self, and Asian Identity

Pluralism and Diversity
PD/B
Critical examination of literary constructions of Asian American identity in relation to the U.S. nation-state, with particular emphasis placed upon juridical constructions of citizenship, community, and belonging.
3 hrs
3 cr.

ASIAN 32005 - Asian American Memoir

Pluralism and Diversity
PD/B
Close examination of memory as an imagined and contested site that complicates and challenges how we constitute self and other. Students will analyze constructions of identity through Asian American narratives, and their relation to language, form and experience, including immigration and gendered narratives to transnational categories of homeland and belonging.
3 hrs
3 cr.

ASIAN 32100 - Asian American Social Protest Literature

Pluralism and Diversity
PD/B
Deconstruction and examination of historical and contemporary Asian American literatures of social protest and resistance. Students utilize readings as a framework for initiating, planning, and executing semester-long community-based projects.
3 hrs
3 cr.
ASIAN 33001 - Chinese in the U.S.

ASIAN 33003 - South Asians in the U.S.

ASIAN 33008 - Muslim Diasporas

Pluralism and Diversity
PD/B
Interdisciplinary course moving through the history of Islam and its expressions in many areas of the world (including Sufism), to the cultural identity, art, and literature of the Muslim Diaspora in the United States, their misrepresentations in the media, and fetishization by popular culture.

3 hrs
3 cr.

ASIAN 33052 - Oral History, Cultural Identity and the Arts

ASIAN 34001 - Asian Pacific American Media

Pluralism and Diversity
PD/B
Addresses Asian Pacific American experiences of assimilation, displacement, marginalization, multiculturalism, and resistance to the cultural 'norm' within Asian Pacific communities through screening a wide range of films and videos and reviewing critical and fictional writing. Guest artists may also lecture.

3 hrs
3 cr.

ASIAN 34003 - West Asian American Literature and Film

Pluralism and Diversity
PD/B
Interdisciplinary course that first examines the cultural, linguistic, and religious diversity of West Asia, sometimes called Central Asia and/or the Middle East, to then focus on the literature and film of their diasporic communities in the U.S.

3 hrs
3 cr.

ASIAN 35100 - Asian American History of Labor and Politics

Pluralism and Diversity
PD/B
This seminar explores the interconnected issues of race, class, and nationality through the study of the history of Asian immigrant labor in the U.S. in the context of American economic needs and political environment.

3 hrs
3 cr.

ASIAN 39001 - International Migration
Pluralism and Diversity
PD/B
This interdisciplinary course examines the origins and processes of migration and settlement, past and present. Includes a series of lectures by leading scholars from a variety of academic fields and immigrant communities. Topics include: immigration and labor, race and gender, social and cultural identity, immigration policy and political action, and the trans-nationalization of education and family life.

3 hrs
3 cr.

ASIAN 39002 - Asian American Civil Rights and the Law

Pluralism and Diversity
PD/B
Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian Americans.

3 hrs
3 cr.

ASIAN 39006 - Gender and Sexuality in Asian American Literature and Film

ASIAN 39015 - Immigration and the Economy

3

ASIAN 39016 - Ethnicity and American English

ASIAN 39018 - Asian American Poetics

ASIAN 39019 - Asian American Queerness

Pluralism and Diversity
PD/B
Explores the issues, struggles, political organizing, and theory of lesbian, gay, bisexual, transgender (LGBT) Asian Americans, South Asians, Southeast Asians, and Pacific Islanders. Through readings of historical and modern texts, law and public policy, film and video, guest speakers, and field work, students will come to understand the intersection between LGBT identity and racial/ethnic identity.

prereq: ENGL 12000
3 hrs
3 cr.

ASIAN 49100 - Asian American Movement and Community Organizations

Pluralism and Diversity
PD/B
Semester-long analysis of the development of pan-ethnic Asian American consciousness and institutions since the late 1960s, with a focus on this movement’s impact on community organizations of Asian national sub-groups examined in the context of larger American racial and ethnic politics.

3 hrs
3 cr.
ASIAN 49000 - Immigration Policy

Pluralism and Diversity
PD/B

Education

EDUC 25000 - Introduction to Urban Education: Topics and Issues around Diversity and Equity (W)

Pluralism and Diversity
PD/B
An introduction to urban education, specifically focusing on both current pedagogical approaches and the various historical, socioeconomic, sociocultural, and political factors that influence schools, with an eye to equity and justice as means to closing the achievement gap for marginalized populations of students.
This course is open to all Hunter students, and does not require admission to a School of Education program.
prereq: ENGL 12000
3 hrs
3 cr.

English

ENGL 25000 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A or B or C or D
GER
2/C
Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 25600 - Topics in Literature by Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A
Each course is an examination of one or more of the following groups: African Americans, Asian Americans, Latino Americans, Native Americans and Caribbean Americans. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.
ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

*prereq:* ENGL 22000
3 hrs
3 cr.

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq:* ENGL 22000
3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq:* ENGL 22000
3 hrs
3 cr.

ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B

Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

*prereq:* ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature
Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.
ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

1 sem
3 cr.

Film and Media Studies

FILM 21400 - Multicultural Perspectives in Cinema

Pluralism and Diversity
PD/B (214.51 only)
GER
3/A

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.

prereq: FILM 10100
4 hrs
3 cr.

FILM 22700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100
4 hrs
3 cr.

Geography

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B
Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the “mechanics” of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

**GEOG 34200 - Geography of International Migration and Ethnicity**

**Pluralism and Diversity**
PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.

prereq: GEOG 24100 or perm instr.
3 hrs
3 cr.

**Music**

**MUSHL 21700 - History of Jazz (W)**

**Pluralism and Diversity**
PD/B
GER
3/A

Survey of jazz from its origins to the present.

prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

**MUSHL 22100 - Black Music in the Americas (W)**

**Pluralism and Diversity**
PD/B
GER
3/A

The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general.

prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.
MUSHL 26100 - Special Topics in History and Literature of Music (W)

Pluralism and Diversity
PD/A or B or C
GER
3/A

Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times. Depending on topic, may satisfy PD.

*prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.*

3 hrs
3 cr.

Nursing

NURS 34600 - Death and Dying

Pluralism and Diversity
P/D B

Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.

3 hrs
3 cr.

Philosophy

PHILO 22600 - African-American Philosophy (W)

Hunter Core
US Experience in its Diversity (USED)

Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.

*prereq: ENGL 12000*

3 hrs
3 cr.

PHILO 34700 - Critical Philosophy of Race (W)

Pluralism and Diversity
PD/B

Recent work in philosophy on the topic of race in relation to its validity as a concept, relation to science, and relevance for ethics and political philosophy.

*prereq: ENGL 12000 plus two courses in philosophy, one of which must be at the 200-level.*

3 hrs
3 cr.
Political Science

POLSC 22100 - U.S. Immigration Policy (W)

Pluralism and Diversity
PD/B -or- PD/C
GER
3/B
The course focuses on the political development of federal immigration policy, and on historical and contemporary issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.

prereq: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200
3 hrs
3 cr.

POLSC 22800 - Protest Movements in American Politics (W)

Pluralism and Diversity
P/D B or C
GER
3/B
Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.

prereq: ENGL 12000 or equivalent
3 hrs
3 cr.

POLSC 32000 - Ethnic Politics (W)

Pluralism and Diversity
PD/B
GER
3/B
Major theories and empirical approaches to the study of race, ethnicity, and gender in American politics. Study of identity as an organizing and motivating force in American politics.

prereq: ENGL 12000 and any political science course
4 hrs
4 cr.

Religion

REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
REL 25600 - Afro-Caribbean Religions (W)

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.
*prereq: ENGL 12000*
3 hrs
3 cr.

REL 25700 - Religions of Ancient Central and South America (W)

**Hunter Core**
World Cultures and Global Issues (WCGI)
**Pluralism and Diversity**
P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization. The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.
*prereq: ENGL 12000*
3 hrs
3 cr.

Sociology

SOC 21700 - Race and Ethnicity

**Pluralism and Diversity**
P/D/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.
*prereq: SOC 10100*
SOC 30700 - Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.

prereq: SOC 10100

3 hrs
3 cr.

Theatre

THEA 21400 - Multicultural Perspectives in Theatrical Performance (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of a selected minority theatre tradition in the United States: original roots, development, and influence on the cultural life of the group to be studied and on American culture in general. May be repeated for credit with a different topic.

prereq: THEA 10100

3 hrs
3 cr.

THEA 21500 - Black Theatre (W)

Pluralism and Diversity
PD/B
GER
3/A

Background and development, present practice, and future possibilities of Black theatre in America.

prereq: ENGL 12000, THEA 10100

3 hrs
3 cr.

Women and Gender Studies

WGS 200XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
PD/A or B or C or D (see department)

Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-
American Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism & diversity requirement, for further detail see department.

3 hrs
3 cr.

WGSL 30600 - Gender and Migration

Pluralism and Diversity
PD/B
GER
3/B

This course will explore the multiple intersections between gender and migration. We will study how patterns of migration are fundamentally gendered, how migration affects men and women differently, and how migration policies in sending and destination countries can have gendered outcomes.

prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr.

WGSC 32900 - Women in the African Diaspora (W)

Pluralism and Diversity
PD/B or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.

cross-listed AFPRL 31900 (W)
prereq: AFPRL 20400, 20900 or 21000 or perm instr.
3 hrs
3 cr.

Pluralism and Diversity Requirement – Group C: 3 credits

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, economic, geographic, literary, political, scientific or social) that emerge from, are reflected in or are principally derived from the historical conditions, perspectives and/or intellectual traditions of women and/or issues of gender or sexual orientation.

Africana and Puerto Rican/Latino Studies

AFPRL 31800 - Women in Africa (W)

Pluralism and Diversity
PD/C
GER
3/B

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and
revolution.
cross-listed WGSC 31800 (A Writing-intensive Course)
prereq: AFPRL 20200 or 22200 or perm instr.
3 hrs
3 cr.

**AFPRL 31900 - Women in the African Diaspora (W)**

Pluralism and Diversity
PD/B or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

**AFPRL 33600 - African-American Women Writers (W)**

Pluralism and Diversity
PD/C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction and children's books.
cross-listed WGS 33600 (W)
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr.

**Anthropology**

**ANTHC 30100 - Gender in Anthropological Perspective**

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

**ANTHC 31200 - Anthropological Approaches to Sexuality**
Pluralism and Diversity
PD/C
GER
3/B

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.

prereq: ANTHC 10100
3 hrs
3 cr.

ANTHC 32000 - Problems in Anthropology

GER
3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.

prereq: perm instr.
3 hrs
3 cr.
offered every sem.

ANTHC 32076 - Language, Sex and Gender

Pluralism and Diversity
PD/C
GER
3B

cross-listed WGSA 300.53

prereq: ANTHC 15100 or permission from instructor and or department
3 hrs
3 cr.

ANTHC 32200 - Family and Household in Anthropology and History

Pluralism and Diversity
PD/C
GER
3/B

Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.

prereq or coreq: ANTHC 10100
3 hrs
3 cr.

Asian American Studies
ASIAN 22009 - Gender and Genre in Asian American Literature and Film

Pluralism and Diversity
PD/B, PD/C
Critical exploration of the social construction of Asian American identity in various genres: video art, prose, poetry, memoir, performance, and film. The emphasis of the course is on intersectional analyses that critically examine how race, gender, class, and sexuality inform Asian American artists' decisions regarding form and genre.

3 hrs
3 cr.

Biological Sciences

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.

fall only

**BIOL 16000 - Honors Principles of Biology II**

**Pluralism and Diversity**

PD/C or D

**GER**

2/E

Physiological systems and their regulation: internal transport, hormones and gas exchange in plants and animals; osmoregulation; motility; nervous, neuroendocrine, immunological and sensory systems; behavior, reproduction and ecology. Students will read reviews of current research in addition to the required text. Guest speakers and class presentations.

Enrollment limited. Core credit awarded only if BIOL 10000 and 16000 are both completed. PD credit awarded only upon completion of BIOL 10000 and 16000.

*prereq: grade of B or better in BIOL 10000 or perm instr, MATH 10100 or MATH 101EN*

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

*not offered 2014-15*

---

**Classical and Oriental Studies**

**Classics Division**

**CLA 30500 - Women and Slaves in Classical Antiquity (W)**

**Pluralism and Diversity**

PD/C or D

**GER**

GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.

*cross-listed WGSC 30500 (W)*

*prereq: ENGL 12000; CLA 20100 or 20300*

3 hrs

3 cr.

---

**Hebrew Division**

**HEBR 21000 - Selected Studies in Hebrew Literature in Translation**

**Pluralism and Diversity**

PD/C (HEBR 21060 only)

Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 hrs

3 cr.
HEBR 25000 - Topics in Hebraic Studies

Pluralism and Diversity
PD/C
Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr

HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.
3 hrs
3 cr.

HEBR 45100 - Selected Studies in Hebrew Literature

Pluralism and Diversity
PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division
3 hrs
3 cr

Russian Division

RUSS 15600 - Culture of Imperial Russia: the Age of Empresses

Hunter Core
Individual and Society - Humanities (I&S H)
Pluralism and Diversity
PD/C
GER
2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
3 cr.
RUSS 26000 - Russian Women Writers in English Translation (W)

Hunter Core
I&S H
Pluralism and Diversity
PD/C
GER
3/A

cross-listed WGSA 26000 (W)
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 36000 - Russian Women Writers

Pluralism and Diversity
PD/C
GER
3/A

cross-listed WGSA 36100
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

Economics

ECO 34500 - Women and Men in the Labor Market

Pluralism and Diversity
PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, "human capital" investments, labor market policy issues.
cross-listed WGSL 34500
prereq: ECO 20000
3 hrs
3 cr.

English

ENGL 25800 - Topics in Literature by Women (W)
Selected works by women written in English will be studied with emphasis on the diversity of women's lives and the effect of gender on experience. May be repeated once for credit with a different topic.

cross-listed WGS 25800 (W)

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 31900 - Topics in Literature by Women (W)

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.

cross-listed WGS 31900

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 25000 - Topics in Literature

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30800 - Workshop in Non-Fiction I

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.

prereq: ENGL 30000
ENGL 32200 - Topics in Gender and Sexuality in Literature

Pluralism and Diversity
PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38700 - Topics in British and/or Irish Fiction

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr.
ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr.

ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr.

ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.

Film and Media Studies

FILM 21500 - Women and Film

Pluralism and Diversity
PD/C
GER
3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.
MEDIA 28400 - Women and Media

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed WGS 38400 (W)
prereq: MEDIA 18000
3 hrs
3 cr.

FILM 22300 - Topics in LGBTQ Film and Media

Pluralism and Diversity
PD/C
An examination of various film and media topics as they relate to lesbian, gay, transgender and queer issues. May be repeated for credit under a different topic.
cross-listed MEDIA 29600
prereq: FILM 10100 -or- MEDIA 18000
4 hrs
3 cr.

MEDIA 29600 - Topics in LGBTQ Film and Media

Pluralism and Diversity
PD/C
An examination of various film and media topics as they relate to lesbian, gay, transgender and queer issues. May be repeated for credit under a different topic.
cross-listed FILM 22300
prereq: FILM 10100 -or- MEDIA 18000
4 hrs
3 cr.

Geography

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B
Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the “mechanics” of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

**prereq:** GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

**German**

**GERMN 32300 - Women in German Literature**

**Pluralism and Diversity**
**PD/C**
**GER**
3/A

Reading and discussion of literature from the 19th century to the present written in German by and about women. (Conducted in German)

**prereq:** GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

**GERMN 32400 - Post-Feminist German Literature and Film**

**Pluralism and Diversity**
**P&D C**

Reading and discussion of German literature and film written and produced by women at the end of the 20th and the beginning of the 21st centuries.

**prereq:** GERMN 20200 or 20300 or equivalent
3 hrs
3 cr.

**History**

**Music**

**MUSHL 25000 - Women and Music (W)**

**Pluralism and Diversity**
**PD/C**
**GER**
3/A

An ethnomusicological study of women and music in cross-cultural perspective.  
cross-listed WGS A 25000 (W)

**prereq:** ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000, or perm. Instr.
MUSHL 26100 - Special Topics in History and Literature of Music (W)

Pluralism and Diversity
PD/A or B or C
GER
3/A

Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times. Depending on topic, may satisfy PD.

Prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.

3 hrs
3 cr.

Nursing

NURS 34000 - Women's Health

Pluralism and Diversity
PD/C

Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr.

NURS 35100 - Gender, Science and Technology

Pluralism and Diversity
PD/C

Explores the complex relationship between women and the sciences.

cross-listed WGSS 35100

3 hrs
3 cr.

Philosophy

PHILO 23000 - Feminist Philosophy (W)

Pluralism and Diversity
PD/C
GER
3/A

Survey of major ideas in feminist philosophy and their practical implications.

cross-listed WGST 23000 (W)

Prereq: ENGL 12000

3 hrs
3 cr.
PHILO 36300 - Feminist and Social Epistemologies (W)

Pluralism and Diversity
PD/C
Recent work in feminist epistemology and social epistemology including philosophy of science.
prereq: ENGL 12000 plus two courses in philosophy, one of which must be at the 200-level
3 hrs
3 cr.

Political Science

POLSC 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B

Examines history of political thought from the perspective of gender relations and the treatment of women.
cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21800 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed WGSP 21800 (W)
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21900 - Women and the Law (W)

Pluralism and Diversity
PD/C
GER
3/B

Overview of how local, state and federal laws treat people on the basis of sex.
cross-listed WGSP 21900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 22100 - U.S. Immigration Policy (W)
The course focuses on the political development of federal immigration policy, and on historical and contemporary issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.

prereq: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200

3 hrs
3 cr.

POLSC 22800 - Protest Movements in American Politics (W)

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.

prereq: ENGL 12000 or equivalent

3 hrs
3 cr.

POLSC 28000 - Women, War and Peace (W)

The course examines the roles that women have played as subjects and objects in war and peace.

cross-listed WGSP 26200 (W)

prereq: ENGL 12000 or its equivalent

3 hrs
3 cr.

POLSC 30900 - Feminist Political Theory (W)

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.

cross-listed WGST 30900 (W)

prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
Psychology

**PSYCH 17000 - Psychology of Human Sexuality**

*Pluralism and Diversity*
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

*cross-listed* WGSS 17000
*prereq: PSYCH 10000*

3 hrs
3 cr.

**PSYCH 19000 - Development of Gender Roles**

*Pluralism and Diversity*
PD/C
GER
2/B

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.

*cross-listed* WGSS 19000
*prereq: PSYCH 10000*

3 hrs
3 cr.

**PSYCH 23500 - The Psychology of Women**

*Pluralism and Diversity*
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.

*Writing Intensive* *cross-listed* WGSP 23500 (W)
*prereq: PSYCH 10000 and any other 3 cr PSYCH course*
*prereq or coreq: ENGL 12000*

3 hrs
3 cr.

**PSYCH 30900 - Behavioral Neuroendocrinology**
Pluralism and Diversity
PD/C
GER
3/B

An overview of how behavior is influenced by differential hormone action and how hormones influence the
development and expression of sexually dimorphic behaviors. While a biology background is not required, this course
will be a biology-based discussion of behavioral endocrinology.

prereq: ENGL 12000. PSYCH 24900 or 25000 and PSYCH 22400
3 hrs
3 cr.

Religion

REL 31100 - Women and Religion (W)

An examination of the role of women and the concept of the feminine in world religions.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31600 - Men and Religion (W)

Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of
men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars
that the generic human is neither male nor female, and such scholars—both male and female--have begun to address
issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging
scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which
religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of
masculinity to promote itself.
prereq: ENGL 12000
3 hrs
3 cr.

REL 34000 - Homosexuality in World Religions (W)

A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases
institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender.
prereq: ENGL 12000
3 hrs
3 cr.

Romance Languages

French

FREN 26200 - Perspectives on Women in French Literature

Pluralism and Diversity
PD/C or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr.

Italian

ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English

Pluralism and Diversity
PD/C
GER
2/C

Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
3 hrs
3 cr.

ITAL 33800 - 19th and 20th Century Italian Women Writers, in English

Pluralism and Diversity
PD/C
GER
3/A

Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Margherita Guidacci, Maria Luisa Spaziani.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ENGL 12000
ITAL 33900 - Italian American Women Writers and Artists: Issues of Identity (W)

Pluralism and Diversity
PD/C
GER
3/A

In English. An active exploration of feminine Italian American identity through literature, film and visual arts. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000
3 hrs
3 cr.

Spanish

SPAN 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues. Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.
cross-listed WGSA 26900

prereq: ENGL 12000
3 hrs
3 cr.

Sociology

SOC 20100 - The Family

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300

prereq: SOC 10100
3 hrs
3 cr.

SOC 25700 - Sex and Gender Roles
Pluralism and Diversity

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr.

Thomas Hunter Honors Program

Women and Gender Studies

WGS 10000 - Introduction to Gender and Sexuality Studies

Hunter Core
Individual and Society - Social Sciences (I&S SS)
Pluralism and Diversity
PD/C
GER
2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.
3 hrs
3 cr.

WGS 12100 - Public Speaking in Gender Studies

Hunter Core
Individual & Society Social Science (I&S SS)
Pluralism and Diversity
P&D C

This course is designed to cultivate and improve students' public speaking skills, for use in the classroom and in broader public spheres. To do so, we will engage with materials in critical identity studies (primarily on class, race, gender, and sexuality), which generate complex debates and afford fruitful opportunities to refine oratory skills.

3 hrs
3 cr.

WGSC 15600 - Culture of Imperial Russia: The Age of Empresses

Pluralism and Diversity
PD/C
GER
2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed RUSS 15600
prereq: ENGL 12000
3 hrs
3 cr.

WGSS 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
prereq: PSYCH 10000
3 hrs
3 cr.

WGSS 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed PSYCH 19000
3 hrs
3 cr.

WGS 200XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
PD/A or B or C or D (see department)
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics: Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism & diversity requirement, for further detail see department.
3 hrs
3 cr.

WGS 20100 - Classics in Feminist Thought (W)

Pluralism and Diversity
PD/C
The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.

*prereq: WGS 10000, ENGL 12000 or equiv.*

3 hrs
3 cr.

**WGST 20900 - Women and Gender in Western Political Thought (W)**

*Pluralism and Diversity*

PD/C or D

**GER**

3/B

The history of political thought from the perspective of gender relations and the treatment of women.

*cross-listed POLSC 20900*

*prereq: ENGL 12000 or equiv.*

3 hrs
3 cr.

**WGS 21600 - Women Philosophers of the Past**

*Pluralism and Diversity*

PD/C

**GER**

3/A

Study of the writings and ideas of selected women philosophers who lived before the contemporary feminist movement.

*cross-listed PHILO 21600*

*prereq: ENGL 12000, one course in philosophy*

3
3

**WGSP 21900 - Women and the Law**

**WGSA 22252 - Topics in Genre Studies: The Woman's Film of the 1940s**

*Pluralism and Diversity*

PD/C

**GER**

3/A

Discussion of the women's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.
Depending on topic, will satisfy a GER category.\textit{cross-listed} FILM 22252
\textit{prereq:} FILM 10100
4 hrs
3 cr.

**WGSP 22300 - Sociology of the Family**

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
\textit{cross-listed} SOC 20100
\textit{prereq:} SOC 10100
3 hrs
3 cr.

**WGST 23000 - Feminism: Philosophical Theory and Practice (W)**

Pluralism and Diversity
PD/C
GER
3/A

Analysis of feminist theories and their practical implications.
\textit{cross-listed} PHILO 23000
\textit{prereq:} ENGL 12000 and one course in philosophy
3 hrs
3 cr.

**WGSP 23500 - The Psychology of Women (W)**

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
\textit{cross-listed} PSYCH 23500
\textit{prereq:} 6 cr. in PSYCH courses
3 hrs
3 cr.

**WGSA 25000 - Women and Music (W)**

Pluralism and Diversity
PD/C
GER
3/A
An ethnomusicological study of women and music in cross-cultural perspective.

cross-listed MUSHL 25000
prereq: ENGL 12000 and one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000 or perm instr.
3 hrs
3 cr.

WGSP 25100 - Women and Health

Pluralism and Diversity
PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.
cross-listed HED 20100
3 hrs
3 cr.

WGSS 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed SOC 25700
prereq: SOC 10100 or perm instr.
3 hrs
3 cr.

WGS 25800 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women written in English will be studied with an emphasis on the diversity of women's lives and the effect of gender on experience.
May be repeated once for credit with a different topic.cross-listed ENGL 25800
prereq: ENGL 22000
3 hrs
3 cr.

WGSA 26000 - Russian Women Writers in English Translation (W)

Pluralism and Diversity
PD/C
GER
3/A

The contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M.

cross-listed RUSS 26000
prereq: ENGL 22000
3 hrs
3 cr.

WGSP 26100 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed POLSC 21800
prereq: ENGL 12000
3 hrs
3 cr.

WGSP 26200 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B

Roles that women have played as subjects and objects in war and peace.
cross-listed POLSC 28000
prereq: ENGL 12000
3 hrs
3 cr.

WGSS 26600 - Our Bodies, Our Politics

Pluralism and Diversity
PD/C

Sex and sexuality are commonly understood as an innate drive, but as science has recently begun to show, the way we experience sexuality is better understood as a series of connected cultural practices. It is the constructed meaning attached to the act of sex that make up the foundation of our sexuality. This meaning changes across cultures and communities and has historically been a subject of political and legal struggle. From the battle for reproductive rights to laws limiting dildo ownership in Texas, our own bodies and the way we experience them are legislated and controlled.

prereq: ENGL 12000
3 hrs
3 cr.

WGSS 38700 - Queer Theory

Pluralism and Diversity
PD/C
GER
3/B
Examination of recent contemporary queer theory and politics in the United States, with particular attention paid to its intersections with feminism, critical race theory, class analysis and religion. Course time will also be dedicated to learning to write effectively about political theory.

prereq: WGS 10000
3 hrs
3 cr.

WGSA 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
cross-listed SPAN 26900
prereq: ENGL 12000
3 hrs
3 cr.

WGSA 29000 - Special Topics in Gender, Literature and the Arts

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of gender, literature, and the arts.

prereq: ENGL 12000
3 hrs
3 cr.

WGSC 29000 - Special Topics in Women and Gender Across Cultures

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of women and gender across cultures.

prereq: ENGL 12000
3 hrs
3 cr.

WGSL 29000 - Special Topics in Labor, Migration, and Globalization

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of labor, migration, and globalization.

prereq: ENGL 12000
3 hrs
3 cr.

WGSP 29000 - Special Topics in Gender and Public Policy

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and public policy.

prereq: ENGL 12000
3 hrs
3 cr.

WGSP 39800 - Community Leadership Seminar (W)

Pluralism and Diversity
P/D C
By exposing students to scholars, advocates, organizers, service providers and activists involved in welfare policy and anti-poverty work, the course critically engages the social welfare system and its impact on women, people of color, queer people, and the poor. The seminar develops the required skills for leaders, trainers and community organizers.

prereq: ENGL 12000
3 hrs
3 cr.

WGSS 29000 - Special Topics in Sexualities

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
WGSS 29000: This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and sexuality.

prereq: ENGL 12000
3 hrs
3 cr.

WGST 29000 - Special Topics in Feminist Thought and Theory

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of feminist thought and theory.

prereq: ENGL 12000
3 hrs
3 cr.

**WGSS 29300 - Bathroom Politics**

**Hunter Core**
Individual and Society Social Science (I&S SS)
**Pluralism and Diversity**
P&D C
In this course, we will study bathrooms in relation to a body of state policies mandating segregated public facilities and spaces, primarily around sex and race. We will examine the anxiety, fear of contamination, and threat of violence in such spaces as it is translated into public policy through regulations including municipal building codes, civil rights legislation, and court cases.

prereq: ENGL 12000
3 hrs
3 cr.

**WGS 300XX - Special Topics in Women and Gender Studies**

**Pluralism and Diversity**
see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category.
3 hrs
3 cr.

**WGSC 30100 - Gender in Anthropological Perspective**

**Pluralism and Diversity**
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed ANTHC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

**WGSC 30500 - Women and Slaves in Classical Antiquity (W)**

**Pluralism and Diversity**
PD/C or D
Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.  
cross-listed CLA 30500  
prereq: ENGL 12000  
3 hrs  
3 cr.

**WGSL 30600 - Gender and Migration**

Pluralism and Diversity  
PD/B  
GER  
3/B

This course will explore the multiple intersections between gender and migration. We will study how patterns of migration are fundamentally gendered, how migration affects men and women differently, and how migration policies in sending and destination countries can have gendered outcomes.  

prereq: WGS 10000 and ENGL 12000  
3 hrs  
3 cr.

**WGST 30900 - Feminist Political Theory**

Pluralism and Diversity  
PD/C  
GER  
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and global feminists.  
cross-listed POLSC 30900  
prereq: ENGL 12000  
3 hrs  
3 cr.

**WGSC 31800 - Women in Africa (W)**

Pluralism and Diversity  
GER 3/B PD/A or C

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.  
cross-listed AFPRL 31800(W)  
prereq: AFPRL 20200 or AFPRL 22200 or perm instr.  
3 hrs  
3 cr.

**WGSA 31900 - Advanced Topics in Literature by Women (W)**
Pluralism and Diversity
PD/C
GER
3/A

Selected works by women in relation to a special theme, technique, genre, theoretical issue or cultural consideration. May be repeated once for credit with a different topic.
cross-listed ENGL 31900
prereq: ENGL 22000
3 hrs
3 cr.

WGSC 32900 - Women in the African Diaspora (W)

Pluralism and Diversity
PD/B or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.
cross-listed AFPRL 31900 (W)
prereq: AFPRL 20400, 20900 or 21000 or perm instr.
3 hrs
3 cr.

WGS 33600 - African-American Women Writers (W)

Pluralism and Diversity
PD/B or C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction, and children's books.
cross-listed AFPRL 33600
prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr.

WGSL 34500 - Women and Men in the Labor Market

Pluralism and Diversity
PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, 'human capital' investments, labor market policy issues.
cross-listed ECO 34500
prereq: ECO 20000
WGSS 35100 - Gender, Science, and Technology

Pluralism and Diversity
PD/C
Explores the complex relationship among gender, science, and technology.
cross-listed (Cross-listed with NURS 35100.)
prereq: ENGL 12000, at least one science course at the 100 level
3 hrs
3 cr.

WGS 36000 - Feminist Social Theory

Pluralism and Diversity
PD/C
GER
3/B
An introduction to feminist theory developed by women from Western, Third World and other countries.
cross-listed SOC 36000
prereq: SOC 10100 or perm instr.
3 hrs
3 cr.

WGSA 36100 - Russian Women Writers

Pluralism and Diversity
PD/C
GER
3/A
cross-listed RUSS 36000
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

WGSA 38400 - Women and Media (W)

Pluralism and Diversity
PD/C
GER
3/A
Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed MEDIA 38400
prereq: MEDIA 18000
3 hrs
3 cr.

WGS 400XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category.
3 hrs
3 cr.

Pluralism and Diversity Requirement – Group D: 3 credits

A course focusing on scholarship about major practical or theoretical issues (e.g., artistic, economic, geographic, literary, political, scientific or social) that emerge from, are reflected in or are principally derived from the historical conditions, perspectives and/or intellectual traditions of Europe, including the ways in which pluralism and diversity have been addressed.

Anthropology

ANTHC 22700 - Archaeology of Europe

Pluralism and Diversity
PD/D
GER
3/B

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 31800 - History of Anthropological Theory

Pluralism and Diversity
PD/D
GER
3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.
ANTHC 42600 - Seminar in Archaeological Field Methods

Pluralism and Diversity
See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

Art

ARTH 11100 - Introduction to History of Art

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr.

ARTH 21500 - Greek Art

Pluralism and Diversity
PD/D
GER
3/A

Sculpture and painting from the geometric period to the Hellenistic (ca. 750-100 BC). Emphasis on architectural sculpture, monumental free-standing sculpture and vase painting, in their stylistic and narrative contexts
prereq: ARTH 11100
3 hrs
3 cr.

ARTH 21600 - Roman Art

Pluralism and Diversity
PD/D
GER
3/A
Roman sculpture and painting from Republican period to Age of Constantine (ca. 100 BC-315 AD). Emphasis on historical reliefs, portraits and wall painting.

**prereq:** ARTH 11100
3 hrs
3 cr.

**ARTH 22100 - Later Medieval Art**

Pluralism and Diversity
PD/D
GER
3/A

Ottonian, Romanesque and Gothic art; architecture, sculpture, painting and minor arts.

**prereq:** ARTH 11100
3 hrs
3 cr.

**ARTH 22500 - Art of Early Renaissance**

Pluralism and Diversity
PD/D
GER
3/A

Painting, sculpture and related architecture in 14th- and 15th-century Italy. Major artists from Giotto to Botticelli.

**prereq:** ARTH 11100
3 hrs
3 cr.

**ARTH 22700 - Northern Renaissance Art**

Pluralism and Diversity
PD/D
GER
3/A

Northern European art from the 14th-16th centuries with emphasis on early Netherlandish painting including Jan van Eyck, and later masters including Dürer, Bosch and Bruegel.

**prereq:** ARTH 11100
3 hrs
3 cr.

**ARTH 23000 - Art of High Renaissance and Later 16th Century in Italy**

Pluralism and Diversity
PD/D
GER
3/A

Sculpture and painting of 16th-century Italy. Emphasis on Leonardo, Raphael, Michelangelo and Titian.

**prereq:** ARTH 11100
ARTH 23500 - Southern Baroque Art

Pluralism and Diversity
PD/D
GER
3/A

Sculpture, painting of 17th-century Italy, France, Spain: Carracci, Caravaggio, Reni, Bernini; Ribera, Velasquez, Zurbaran, Murillo; Poussin, Claude Lorrain.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24000 - Baroque Art of Northern Europe

Pluralism and Diversity
PD/D
GER
3/A

Sculpture and painting in 17th-century Flanders, Holland and England. Rubens, Van Dyck, Rembrandt; landscape.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24300 - Eighteenth-Century Art

Pluralism and Diversity
PD/D
GER
3/A

European painting and sculpture; Watteau, Fragonard and Houdon in France, Hogarth and Reynolds in England, Tiepolo in Italy.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24400 - Neo-Classicism and Romanticism: the Age of Revolution, 1789-1848

Pluralism and Diversity
PD/D
GER
3/A

Neo-classicism and romanticism in France, Germany, England, Spain. David, Ingres, Delacroix; Friedrich, Runge, the Nazarenes; Blake, Reynolds, Constable; Goya.

prereq: ARTH 11100
ARTH 24500 - Issues in 19th-Century French Painting: Realism, Impressionism and Post-Impressionism/Symbolism (1850-1910)

Pluralism and Diversity
PD/D
GER
3/A

Impressionists and post-Impressionists within a European context: Courbet, Manet, Monet, Canne, Van Gogh, Gauguin, Munch.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24600 - American Art 1760-1900

Pluralism and Diversity
PD/D
GER
3/A

American art beginning with the Colonial period and including West, Copley, the Peales, Cole and the Hudson River School, the Luminists, Homer and Eakins.

prereq: ARTH 111000
3 hrs
3 cr.
offered fall

ARTH 24900 - Twentieth-Century Art I

Pluralism and Diversity
PD/D
GER
3/A

Western art to World War II.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 25000 - Twentieth-Century Art II

Pluralism and Diversity
PD/D
GER
3/A

Western art from World War II to approximately 1980.

prereq: ARTH 11100
**ARTH 25300 - Medieval Architecture**

Pluralism and Diversity  
PD/D  
GER  
3/A

Major styles and buildings in West from ancient world through Middle Ages; technical, cultural and aesthetic significance.  
*prereq: ARTH 11100*  
3 hrs  
3 cr.

**ARTH 25400 - Architecture: Renaissance to Neo-Classical**

Pluralism and Diversity  
PD/D  
GER  
3/A

Architecture in West from Renaissance through the 19th century; baroque, rococo and neoclassical styles. ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61-credit BFA program. It may not be credited toward art history major requirements.  
*prereq: ARTH 11100*  
3 hrs  
3 cr.

**ARTH 25500 - Modern Architecture I (1850- 1950)**

Pluralism and Diversity  
PD/D  
GER  
3/A

Survey of western architecture from 1850 to 1950, emphasizing the wide range of theoretical, formal, and technological aspects of architectural practice during this period.  
*prereq: ARTH 11100*  
3 hrs  
3 cr.

**ARTH 31100 - Special Topics Lecture in Ancient Art (W)**

Pluralism and Diversity  
P/D D  
GER  
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the
announcement of upcoming 300-level course titles indicating special topics.

**prereq:** ARTH 11100, and two 200-level art history courses
3 hrs
3 cr.

**ARTH 32100 - Special Topics Lecture in Medieval Art (W)**

Pluralism and Diversity  
P/D D  
GER  
3/A  

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

**prereq:** ARTH 11100 and two 200-level art history courses  
3 hrs  
3 cr.

**ARTH 33100 - Special Topics Lecture in Renaissance Art (W)**

Pluralism and Diversity  
P/D D  
GER  
3/A  

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

**prereq:** ARTH 11100 and two 200-level art history courses  
3 hrs  
3 cr.

**ARTH 34100 - Special Topics Lecture in Baroque Art (W)**

Pluralism and Diversity  
P/D D  
GER  
3/A  

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

**prereq:** ARTH 11100 and two 200-level art history courses  
3 hrs  
3 cr.

**ARTH 41000 - Advanced Studies Seminar in Ancient Art (W)**

Pluralism and Diversity  
P/D D  

Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of
upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.

**Prerequisite:** ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.

3 hrs
3 cr.

**ARTH 42000 - Advanced Studies Seminar in Medieval Art**

*Pluralism and Diversity*

P/D D

Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.

**Prerequisite:** ARTH 300 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.

3 hrs
3 cr.

**ARTH 43000 - Advanced Studies Seminar in Renaissance Art (W)**

*Pluralism and Diversity*

P/D D

Upper-level seminar; check Department website each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.

**Prerequisite:** ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.

3 hrs
3 cr.

**ARTH 44000 - Advanced Studies Seminar in Baroque Art (W)**

*Pluralism and Diversity*

P/D D

Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. Open only to Art History majors and minors and Studio Art majors only.

**Prerequisite:** ARTH 30000 and two 200-level art history courses. This course is for Art History majors and minors and Studio Art majors only.

3 hrs
3 cr.

**Biological Sciences**

**BIOL 10000 (STEM) - Principles of Biology I**

*Hunter Core*

Life and Physical Sciences (LPS); Scientific World (SW)

*Pluralism and Diversity*

P/D/C or D

GER

2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 16000 - Honors Principles of Biology II

Pluralism and Diversity
PD/C or D

GER
2/E

Physiological systems and their regulation: internal transport, hormones and gas exchange in plants and animals; osmoregulation; motility; nervous, neuroendocrine, immunological and sensory systems; behavior, reproduction and ecology. Students will read reviews of current research in addition to the required text. Guest speakers and class presentations.

Enrollment limited. Core credit awarded only if BIOL 10000 and 16000 are both completed. PD credit awarded only upon completion of BIOL 10000 and 16000.

prereq: grade of B or better in BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
not offered 2014-15

Classical and Oriental Studies
Classics Division

**CLA 10100 - Classical Mythology**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/D
GER
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr.

**CLA 20100 - Greek Civilization (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
*prereq: ENGL 12000*
3 hrs
3 cr.

**CLARC 20200 - Hellenistic Civilization (W)**

**Pluralism and Diversity**
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
*prereq: ENGL 12000; CLA 20100 or CLARC 20400*
3 hrs
3 cr.

**CLA 20300 - Roman Civilization (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/D
GER
2/C
Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.

**prereq:** ENGL 12000

3 hrs

3 cr.

### CLARC 22000 - Aegean Archaeology (W)

**Pluralism and Diversity**
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.

**prereq:** ENGL 12000, CLARC 20400

3 hrs

3 cr.

### CLARC 22100 - Greek Archaeology (W)

**Pluralism and Diversity**
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.

**prereq:** ENGL 12000; CLARC 20400

3 hrs

3 cr.

### CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

**Pluralism and Diversity**
PD/D
GER
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.

**prereq:** ENGL 12000; CLARC 20300 -or- CLARC 20400

3 hrs

3 cr.

*fall only*

### CLA 25000 - Greek and Roman Tragedy (W)

**Hunter Core**

**Individual and Society (Humanities) -I&S H**

**Pluralism and Diversity**
PD/D
GER
A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts. 

*prereq: ENGL 12000 recom: CLA 10100*

3 hrs
3 cr.

**CLA 25100 - Ancient Comedy (W)**

**Hunter Core**
Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**

PD/D

GER

2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. 

*prereq: ENGL 12000*

3 hrs
3 cr.

**CLA 25300 - Homer and Vergil (W)**

**Hunter Core**
Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**

PD/D

GER

2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil. 

*prereq: ENGL 12000 recom: CLA 10100*

3 hrs
3 cr.

**CLA 25400 - The Ancient Novel in Translation (W)**

**Pluralism and Diversity**

PD/D

GER

3/A

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatius' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale. 

*prereq: ENGL 22000 or perm instr.*

3 hrs
3 cr.

**CLA 30200 - Comparative Backgrounds of Classical Mythology (W)**

**Pluralism and Diversity**

PD/D
Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.

**prereq:** ENGL 12000; CLA 10100

3 hrs

3 cr.

**CLA 30400 - Pagans and Christians (W)**

Pluralism and Diversity

PD/D

GER

3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.

**prereq:** ENGL 12000; CLA 20100 or 20300

3 hrs

3 cr.

**CLA 30500 - Women and Slaves in Classical Antiquity (W)**

Pluralism and Diversity

PD/C or D

GER

GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.

*cross-listed* WGSC 30500 (W)

**prereq:** ENGL 12000; CLA 20100 or 20300

3 hrs

3 cr.

**CLA 30700 - Special Studies in Ancient Roman Culture**

Pluralism and Diversity

PD/D

Examination of specific areas of Roman life. Topics vary from year to year.

**prereq:** ENGL 12000

3 hrs

3 cr.

**CLA 31000 - Ancient Sports and Spectacles (W)**

Pluralism and Diversity

PD/D

GER

3/A

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.
Hebrew Division

HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
PD/D
GER
2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr.

HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.
3 hrs
3 cr

HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr

HEBR 31000 - Modern Hebrew Literature I

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
HEBR 32200 - Medieval Literature

Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32400 - The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
3/A

Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 45100 - Selected Studies in Hebrew Literature

Pluralism and Diversity
PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division
3 hrs
3 cr
Russian Division

RUSS 15500 - The Culture of Old Russia

Pluralism and Diversity
PD/D
GER
2/C

Religion, art, architecture and daily life in medieval Russia.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15700 - The Age of the Great Masters

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25000 - 19th Century Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

Hunter Core
Individual and Society Humanities (I&S) H
Pluralism and Diversity
PD/D
GER
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.

**RUSS 25200 - Modern Russian Literature in English Translation (W)**

**Hunter Core**
- Individual and Society (I&S) Social Science
- Pluralism and Diversity
- PD/D
- GER
- 2/C

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.

**prereq:** ENGL 12000

3 hrs

3 cr.

**RUSS 25300 - Russian Theater in English Translation (W)**

**Hunter Core**
- Creative Expression (CE)
- Pluralism and Diversity
- PD/D
- GER
- 2/C

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.

**prereq:** ENGL 12000

3 hrs

3 cr.

**RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)**

**Hunter Core**
- Individual and Society (Humanities) - I&S H
- Pluralism and Diversity
- PD/D
- GER
- 2/C

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.

**prereq:** ENGL 12000

3 hrs

3 cr.
RUSS 25500 - Russian Folklore, in Translation (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Common Slavic myths and traditions.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25600 - Special Topics in Slavic Literatures and Cultures in English Translation

Pluralism and Diversity
PD/D
Examples: Writers Behind Bars, Narratives of Adultery
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 27100 - East European Cinema (W)

Pluralism and Diversity
PD/D
The ways in which East European filmmakers have used the medium of cinema to explore history, culture, politics, and social issues prevalent in their respective societies, starting with the immediate post-World War II period and covering both the Communist era and post-Communist period. By the end of the course students will have acquired critical tools to provide an informed verbal and written analysis of the films and discuss how various aesthetic and ideological approaches to filmmaking inform the cinema practice over time. The course will combine screening of East European films and class discussion of issues raised in these films. All students are expected to complete the assigned readings of chapters in history books and other material prior to each class and print out questionnaires for class discussions posted on the course blackboard after the film screenings. Informed class participation is strongly encouraged and will positively affect your final term grade.
prereq: ENGL 12000. The exams in this course consist of essay writing.
3 hrs.
3 cr.

RUSS 29400 - Folklore and Literature (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
3/A

Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol
and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 32100 - Russian Short Story and Novella

Pluralism and Diversity
PD/D
GER
3/A

Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 32200 - Classical Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A

Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 32300 - Modern Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A

Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, Yevtushenko.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34100 - Tolstoy and Dostoevsky

Pluralism and Diversity
PD/D
GER
3/A

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers
Karamazov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34200 - Modern Russian Literature

Pluralism and Diversity
PD/D
GER
3/A

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34300 - Russian Theater

Pluralism and Diversity
PD/D
GER
3/A

Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34400 - The Silver Age of Russian Literature

Pluralism and Diversity
PD/D
GER
3/A

Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

Polish

POL 25000 - Topics in Polish Literature

Pluralism and Diversity
PD/D
Example: the 19th century Polish novel.
Dance

**DAN 23200 - Global Dance History**

**Hunter Core**
Creative Expression (CE)

**Pluralism and Diversity**
PD/D

**GER**
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**prereq:** N/A
3 hrs.
3 cr.

Economics

**ECO 35000 - Comparative Economic Systems**

**Pluralism and Diversity**
PD/D

**GER**
3/B

Comparative analysis of market and planned economies in theory and practice. Process and problems of transitions between planned and market economies.

**prereq:** ECO 20000, 20100
3 hrs
3 cr.

English

**ENGL 25000 - Topics in Literature**

**Hunter Core**
Creative Expression (CE)

**Pluralism and Diversity**
PD/A or B or C or D

**GER**
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C,
or D. Check in the schedule of classes and with an undergraduate adviser.

**ENGL 25400 - Survey of British Literature II: the Eighteenth Century to the Present**

Pluralism and Diversity  
P/D D  
GER  
3/A

Chronologically arranged readings in British literature from the 18th to the 20th century.  
**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 30300 - Western Literary Backgrounds of British and American Literature**

Pluralism and Diversity  
PD/D  
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods  
**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 33500 - Chaucer**

Pluralism and Diversity  
PD/D  
GER  
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.  
**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 33900 - Survey of British Literature II: The Eighteenth Century to the Present**

A survey of British Literature from the eighteenth century to the present, encompassing a range of authors and genres, and employing a variety of interpretive strategies.  
**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 35100 - The Age of Elizabeth I**
Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36000 - The 17th Century
A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.

**ENGL 36100 - Milton**

**Pluralism and Diversity**
PD/D
GER
3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.

**ENGL 36200 - English Drama of Restoration and 18th Century**

**Pluralism and Diversity**
PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.

**ENGL 36400 - The Age of Satire**

**Pluralism and Diversity**
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.

**ENGL 36500 - The Later 18th Century**

**Pluralism and Diversity**
PD/D
GER
3/A
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.

**prereq:** ENGL 22000

3 hrs

3 cr.

**ENGL 36800 - The 18th Century English Novel**

*Pluralism and Diversity*

PD/D

GER

3/A

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.

**prereq:** ENGL 22000

3 hrs

3 cr.

**ENGL 36900 - The 19th Century English Novel**

*Pluralism and Diversity*

PD/D

GER

3/A

Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.

**prereq:** ENGL 22000

3 hrs

3 cr.

**ENGL 37200 - Romantic Poetry**

*Pluralism and Diversity*

PD/D

GER

3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.

**prereq:** ENGL 22000

3 hrs

3 cr.

**ENGL 37300 - Victorian Literature (W)**

*Pluralism and Diversity*

PD/D

GER

3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include.
Authors may include Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, Newman, Dickens, the Brontes, George Eliot, and Thackery.

**ENGL 37400 - 20th and 21st Century British and Irish Poetry**

**Pluralism and Diversity**
PD/D  
GER  
3/A

Study of various poetries and poetry movements emergent in the 20th and 21st centuries in their cultural, social, and historical contexts.

**ENGL 37600 - 20th and 21st Century British and Irish Fiction**

**Pluralism and Diversity**
PD/D  
GER  
3/A

Study of representative fiction in its cultural, social, and historical contexts.

**ENGL 37800 - 20th and 21st Century British and Irish Drama**

**Pluralism and Diversity**
PD/D  
GER  
3/A

Study of representative drama in its cultural, social, and historical contexts.

**ENGL 38000 - Irish Literary Renaissance**

**Pluralism and Diversity**
PD/D  
GER  
3/A
Study of Irish writers of the early 20th century in relation to their cultural, social, and historical contexts. Authors may include Joyce, O'Casey, Synge and Yeats.

**ENGL 38600 - Topics in British and American Literature**

Pluralism and Diversity

PD/C or PD/D (some topics)

GER

3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.

**ENGL 38900 - One Major Writer (W)**

Pluralism and Diversity

PD/C or D

GER

3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

**ENGL 39000 - Topics in 20th Century Literature (W)**

GER

3/A

Selected works from the 20th century originally written in English will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

**ENGL 49400 - Honors Seminar: Special Studies**

Pluralism and Diversity

PD/C

GER

3/A
Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

1 sem
3 cr.

Film and Media Studies

**FILM 10100 - Introduction to Cinema**

**Hunter Core**
Creative Expression (CE)

**Pluralism and Diversity**

PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.

3 hrs
3 cr.

**FILM 21100 - Film History I: 1895-1945**

**Pluralism and Diversity**

PD/D
GER
3/A

Survey of film history and theory from the silent era to 1945.

*prereq: FILM 10100*

4 hrs
3 cr.

**FILM 21200 - Film History II: Since 1945**

**Pluralism and Diversity**

PD/D
GER
3/A

Survey of film history and theory from 1946 to the present.

*prereq: FILM 10100 or MEDIA 18000*

4 hrs
3 cr.

**FILM 21305 - National Cinema: Italian Cinema**

**Pluralism and Diversity**

PD/D
GER
3/A


**FILM 21351 - National Cinema: French New Wave**

Pluralism and Diversity  
PD/D  
GER  
3/A

**FILM 23200 - Experimental Film and Video**

Pluralism and Diversity  
PD/D  
GER  
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.  
*prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).*  
4 hrs  
3 cr.

**FILM 32200 - Contemporary Film Theory**

Pluralism and Diversity  
PD/D  
GER  
3/A

This course will address a range of theoretical writings on the cinema that were primarily produced during the 1970s and after.  
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.  
*prereq: FILM 10100 and FILM 20100*  
4 hrs  
3 cr.

**Geography**

**GEOG 15000 - World Regions in Global Context**

Hunter Core  
World Cultures and Global Issues (WCGI)  
Pluralism and Diversity  
PD/A or D
This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

GEOG 27800 - Regional Geography of Russia and Central Asia

Pluralism and Diversity
PD/A or D
GER
3/B

Analysis of the relationship of the natural environment to economic, social and political life of Russia, the former Soviet republics of Central Asia and Mongolia.
3 hrs
3 cr.

German

GERMN 24000 - German Thought and Culture: A Survey (W)

Pluralism and Diversity
PD/D
GER
2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective. (Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core
Creative Expression
Pluralism and Diversity
PD/D
GER
2/C
Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures.
(Conducted in English) Note: No knowledge of German required.

prereq or coreq: ENGL 12000
3 hrs
3 cr.
No "W" designation when offered in Winter Session

**GERMN 32000 - Studies in German Literature and Language**

**Pluralism and Diversity**
PD/D
GER
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic.
(Conducted in German)

prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

**GERMN 32100 - Individual and Society in Modern German Literature**

**Pluralism and Diversity**
PD/D
GER
3/A

The central conflict between individual liberty and societal constraints as reflected in short stories, novellas and plays by 20th century authors such as Kafka, Brecht, Böll and Frisch.
(Conducted in German)

prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

**GERMN 32200 - German Civilization**

**Pluralism and Diversity**
PD/D
GER
3/A

Introduction to key topics in German history, politics, arts, literature and sciences.
(Conducted in German)

prereq: GERMN 20200 or equiv.
3 hrs
3 cr.

**GERMN 32700 - Modern Swiss Literature**

**Pluralism and Diversity**
PD/D
GER
3/A

Reading and discussion of literature written in German by Swiss authors since the 19th century.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32800 - German Children's and Adolescent Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33400 - The German Short Story and Novelle

Pluralism and Diversity
PD/D
GER
3/A

Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33500 - German Radio Plays: Hoerspiel

Pluralism and Diversity
GER 3/A PD/D
GER
3/A

Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33600 - German Lyric Poetry

Pluralism and Diversity
PD/D
GER
3/A
Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33900 - German Drama from Naturalism to Present

Pluralism and Diversity
PD/D
GER
3/A
Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 34100 - German Drama from Age of Goethe to Naturalism

Pluralism and Diversity
PD/D
GER
3/A
Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34200 - The German Novel

Pluralism and Diversity
PD/D
GER
3/A
Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34300 - German Literature from Its Origins to the Age of Goethe
Pluralism and Diversity
PD/D

GERMN 34400 - Readings in Classical Period of German Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of selected works by Lessing, Goethe and Schiller.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34500 - Literature of Weimar Republic

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary works and documents influential in German life between 1918 and 1933.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34600 - German Literature of the 1930s and 1940s

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written between the time of the Weimar Republic and 1945.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34800 - East German Literature (1945-1990)

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German Democratic Republic as a sovereign state.
(Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 35000 - Austrian Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literature and culture of the fin-de-siècle Vienna.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 35300 - Goethe’s Faust

Pluralism and Diversity
PD/D
GER
3/A

Intensive study of Goethe’s Faust, Parts I and II.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 37200 - Germany in the Twenties (W)

Pluralism and Diversity
PD/D
GER
3/A

Literature, art and politics in Germany between World War I and Third Reich, 1918-1933.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37400 - Masterpieces of German Literature in English Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Discussion of some outstanding works of German literature.
(Conducted in English) Note: No knowledge of German required.
History

HIST 12100 - Early Modern Europe 1500 to 1815

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER
2/B

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 12200 - 19th and 20th Century Europe (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER
2/B

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 21100 - Medieval Civilization (W)

Pluralism and Diversity
PD/D
Social, institutional and cultural history of Western Europe from the late Roman period to the Black Death in the mid-14th century. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 120
3 hrs
3 cr.

HIST 24200 - The Holocaust: An Introduction

Pluralism and Diversity
PD/D
The attempt to exterminate the Jewish people by the Nazis. Courses at the 300-level and above not offered to freshmen.
HIST 30200 - Greek History

Pluralism and Diversity
PD/D
GER
3/B

From the Bronze Age ca. 3000 BCE to the Roman conquest. Emphasis on cultural and political contributions of ancient Greece.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 30300 - Roman History

Pluralism and Diversity
PD/D
GER
3/B

From Iron Age to Justinian; rise and fall of Rome's power and her political and cultural achievements.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 30500 - The Age of the Crusades

Pluralism and Diversity
PD/D
GER
3/B

The expansion of western Europe from 800 to 1492 in eastern Europe, the Mediterranean, Asia and Africa, giving particular attention to the Reconquista in Spain and the crusades in the Middle East.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.
HIST 31100 - Europe in the Early Middle Ages

Pluralism and Diversity
PD/D
GER
3/B

The development of European civilization from the fall of the Western Roman Empire to the First crusade. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 31400 - Ancient and Medieval Christianity (W)

Pluralism and Diversity
PD/D
GER
3/B

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000

3 hrs
3 cr.

HIST 31700 - History of the American City

Pluralism and Diversity
PD/D
GER
3/B

History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 31800 - History of the American Working Class (W)

Pluralism and Diversity
PD/D
GER
3/B

History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 1200
3 hrs
3 cr.

**HIST 32000 - Jewish History in the Modern World (W)**

**Pluralism and Diversity**
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 1200
3 hrs
3 cr.

**HIST 32400 - Europe in the Age of Renaissance and Reformation (W)**

**Pluralism and Diversity**
PD/D
GER
3/B

European life and society in early modern era. Religious, political, economic and social change.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 1200
3 hrs
3 cr.

**HIST 32900 - History of European Diplomacy**

**Pluralism and Diversity**
PD/D
GER
3/B

From the Congress of Vienna and national unification movements through the era of total wars and cold war.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 33000 - Social and Economic History of Modern Europe**

**Pluralism and Diversity**
PD/D
GER
3/B

Social and economic developments in Europe during the past 200 years.
Courses at the 300-level and above not offered to freshmen.
HIST 33600 - History of 20th-Century Germany (W)

Pluralism and Diversity
PD/D
An introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past. This course is an introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past.

prereq: ENGL 12000; Not offered to freshmen.
3 hrs
3 cr.

HIST 33800 - History of Italy (W)

Pluralism and Diversity
PD/D
GER
3/B
Classical to Renaissance background. Catholic Reformation, foreign domination, Risorgimento to Fascism, post-World War II era. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 34251 - Britain Since 1689

Pluralism and Diversity
PD/D
GER
3/B
British history since the Glorious Revolution. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 35700 - American-Jewish History (W)

Pluralism and Diversity
PD/D
GER
3/B
Development of the American Jewish community; economic, political and social integration; cultural adaptation.
Courses at the 300-level and above not offered to freshmen.

**HIST 35800 - 20th Century United States (W)**

Pluralism and Diversity  
PD/D  
GER  
3/B

Leading personalities and domestic problems of the U.S. Since 1900.  
Courses at the 300-level and above not offered to freshmen.

**HIST 35900 - Immigration and Ethnicity in the United States**

Pluralism and Diversity  
PD/D  
GER  
3/B

Experience of immigrant groups since Colonial times; motives for coming; economic and social adjustment; encounter with prejudice; ethnic institutions.  
Courses at the 300-level and above not offered to freshmen.

**HIST 36100 - America and the World in the 20th Century**

Pluralism and Diversity  
PD/D  
GER  
3/B

The trajectory of American foreign relations during the last century, focusing on how and why the United States engaged other nations and peoples as it did. It also explores the ways in which developments overseas helped shape American domestic life.  
Courses at the 300-level and above not offered to freshmen.

**HIST 36300 - American Cultural History**

Pluralism and Diversity  
PD/D  
GER  
3/B
An exploration of several significant themes in American cultural history from the late nineteenth through the late twentieth centuries. Through close readings of selected primary and secondary works (both written and visual) we will consider the meanings of popular, proto-mass, and mass culture as well as the nature of different levels of cultural tastes and styles in modern American history. Reflecting on the broader social and political context of these developments we will study a range of topics, including the myth of the self-made man, the role of the frontier and the cowboy, and critiques of mass consumer culture. Central to our historical examination of American culture will be an effort to appraise and describe: how American writers, artists, orators, cultural critics and everyday people constructed narratives (written, spoken, musical, visual) of identity for themselves along ethnic, racial, gendered, class-based and national lines; how the construction of those narratives were related to each other; and, how those narratives changed over time depending on specific political and social contexts.

Not open to students who took HIST 34174, the experimental version of this course.

3 hrs
3 cr.

HIST 36400 - American Constitutional History, 1783 to 1900

Pluralism and Diversity
PD/D
GER
3/B

Development of constitutional thought from the framing of the Articles of Confederation to 1900. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 36600 - Role of Women in American History

Pluralism and Diversity
PD/D
GER
3/B

Women in all aspects of the country's past; drive to suffrage and its aftermath. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 36700 - Civil War and Reconstruction

Pluralism and Diversity
PD/D
GER
3/B

Slavery, sectional conflict, political crisis of Union. New interpretations of postwar race relations. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.
HIST 37400 - Russia to the 20th Century

Pluralism and Diversity
PD/D
GER
3/B

Political, socioeconomic and cultural development of Russia from its Kievan origins to the crisis of monarchy. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 37500 - Late Imperial Russia and the Soviet Union

Pluralism and Diversity
PD/D
GER
3/B

Political, socioeconomic and cultural development of late 19th and 20th century Russian and Soviet society. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

Human Rights

HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

Pluralism and Diversity
PD/D
GER
3/B

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.

prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.

3 hrs
3 cr.

fall and spring; summer when possible

Music

MUSHL 10100 - A Thousand Years of Listening
Hunter Core
Creative Expression (CE)

Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr.

MUSHL 20500 - Music History I

Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
offered fall

MUSHL 20600 - Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

MUSHL 21000 - Music for the Piano (W)

Pluralism and Diversity
GER 3/A PD/D
Piano literature from the 18th century to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20000, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 21200 - Masterpieces of Opera (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of operatic styles of such composers as Mozart, Verdi, and Wagner.

*prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.*

3 hrs

3 cr.

**MUSHL 30500 - Music History III (W)**

*Pluralism and Diversity*

PDF

Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.

*prereq: MUSHL 20600, MUSTH 22100, 23100*

3 hrs

3 cr.

*offered fall*

**MUSHL 30600 - Music History IV (W)**

*Pluralism and Diversity*

PDF

Central issues in the history of European music, such as the role of patronage in musical culture, relationships of musical style to instruments and performing ensembles, and the impact of historical consciousness on contemporary musical life.

*prereq: MUSHL 30500*

3 hrs

3 cr.

*offered spring*

**Philosophy**

**PHILO 10600 - Philosophy, Politics and Society**

*Hunter Core*

Individual and Society (Social Science) - I&S SS

*Pluralism and Diversity*

PDF

GER

2/C

Introduction to social and political philosophy.

3 hrs

3 cr.

*offered each semester*

**PHILO 26600 - Knowledge and Reality (W)**

*Pluralism and Diversity*

PDF

GER

3/A

An introduction to central concepts and issues in 20th Century and contemporary metaphysics and epistemology.
PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Prerequisites: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.

PHILO 21400 - Medieval Philosophy (W)

Prerequisites: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.

PHILO 21500 - Foundations of Modern Philosophy (W)

Prerequisites: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.

PHILO 31800 - Revolutions in Modern Philosophy (W)

Prerequisites: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.
**PHILO 31900 - Marxist and Critical Theory (W)**

Pluralism and Diversity  
PD/D  
GER  
3/A  

Study of 20th-century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.  

*prereq: ENGL 12000 and two previous courses in philosophy*  
*3 hrs*  
*3 cr.*

**PHILO 22500 - American Philosophy (W)**

Pluralism and Diversity  
PD/D  
GER  
3/A  

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.  

*prereq: ENGL 12000 and one previous course in philosophy.*  
*3 hrs*  
*3 cr.*

**PHILO 22800 - Existentialism (W)**

Pluralism and Diversity  
PD/D  
GER  
3/A  

Philosophical and literary writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.  

*prereq: ENGL 12000*  
*3 hrs*  
*3 cr.*

**Political Science**

**POLSC 20100 - Ancient to Early Modern Political Thought (W)**

Pluralism and Diversity  
PD/D  
GER
The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 20900 - Women and Gender in Western Political Thought (W)**

Pluralism and Diversity
PD/C or D
GER
3/B

Examines history of political thought from the perspective of gender relations and the treatment of women.
cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 25400 - Government and Politics in Western Europe (W)**

Pluralism and Diversity
PD/D
GER
3/B

Theory, practice, institutions and problems of Western European nations particularly Britain, France and Germany.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 26500 - Government and Politics in Eastern Europe (W)**

Pluralism and Diversity
PD/D
GER
3/B

Political, social and economic institutions of individual Eastern Central European nations and their post-communist transitions.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 32200 - Social and Economic Policies in Western Europe and the United States (W)**

Pluralism and Diversity
PD/D
GER
Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.

prereq: Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).

4 hrs
4 cr.

POLSC 37800 - Russia in a Globalized World (W)

Pluralism and Diversity
PD/D
GER
3/B

In a contemporary, historical, comparative, and international context, this course explores issues at the intersection of Russia's domestic politics and foreign policies and the implications for Russia and the international system.

prereq: ENGL 12000 and any course in International Relations or Comparative Politics

4 hrs.
4 cr.

POLSC 38000 - European Security (W)

Pluralism and Diversity
PD/D
GER
3/B

A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the 21st century.

prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 and any course in International Relations

4 hrs
4 cr.

Psychology

Religion

REL 20400 - Religious Experience (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20500 - Faith and Disbelief (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20700 - Religious Sources for Morality (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20800 - Religion and Social Justice (W)
Hunter Core
Individual and Society (Humanities) - I&S H

Pluralism and Diversity
PD/D
GER
2/B

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam--with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25800 - Religions of Ancient Europe (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.
3 hrs
3 cr.

REL 27000 - Religion and Psychology (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C
An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film. 
prereq: ENGL 12000 
3 hrs 
3 cr.

**REL 30700 - Religious Ideas in Modern Literature (W)**

Pluralism and Diversity
PD/D
GER
3/A

Exploration of religious themes in modern literature. 
prereq: ENGL 12000 
3 hrs 
3 cr.

**REL 30800 - Religion and the Arts (W)**

Pluralism and Diversity
PD/D
GER
3/A

Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered. 
prereq: ENGL 12000 
3 hrs 
3 cr.

**REL 30900 - The Religious Meanings of Love and Sex (W)**

Pluralism and Diversity
PD/D
GER
3/A

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities. 
prereq: ENGL 12000 
3 hrs 
3 cr.

**REL 31000 - The Religious Meanings of Death (W)**

Pluralism and Diversity
PD/D
GER
3/A

Consideration of the meaning of death in major world religions. 
prereq: ENGL 12000
REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and non-Western traditions, both conservative and radical.

prereq: ENGL 12000

REL 31300 - Ecospirituality: Religion and Nature (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.

prereq: ENGL 12000

REL 31500 - The Problem of Evil (W)

Pluralism and Diversity
PD/D
GER
3/A

Exploration of the religious meaning of evil in different cultures.

prereq: ENGL 12000

REL 31600 - Men and Religion (W)

Pluralism and Diversity
PD/C -or- PD/D

Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars—both male and female—have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.
REL 32300 - Christianity (W)

**Prerequisites:** ENGL 12000
3 hrs
3 cr.

**Pluralism and Diversity**
PD/D
GER
3/A

Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.

**Prerequisites:** ENGL 12000
3 hrs
3 cr.

REL 33000 - New Testament Religion (W)

**Prerequisites:** ENGL 12000
3 hrs
3 cr.

**Pluralism and Diversity**
PD/D
GER
3/A


**Prerequisites:** ENGL 12000
3 hrs
3 cr.

REL 33300 - Christian Theology (W)

**Prerequisites:** ENGL 12000
3 hrs
3 cr.

**Pluralism and Diversity**
PD/D
GER
3/A

An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.

**Prerequisites:** ENGL 12000
3 hrs
3 cr.

REL 33400 - Mysticism (W)

**Prerequisites:** ENGL 12000
3 hrs
3 cr.

**Pluralism and Diversity**
PD/D
GER
3/A

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.

**Prerequisites:** ENGL 12000
REL 33500 - Myth and Ritual (W)

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis.

prereq: ENGL 12000

3 hrs
3 cr.

REL 39000 - Modern Theories of Religion (W)

Pluralism and Diversity
PD/D
GER
3/A

An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.

prereq: ENGL 12000, REL 11100

3 hrs
3 cr.

Romance Languages

French

FREN 24100 - Early French Civilization: From Gothic to Revolution

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.

3 hrs
3 cr.

FREN 24200 - Modern French Civilization: From Revolution to Present

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
Conducted in English; readings in English.
3 hrs
3 cr.

**FREN 25100 - French Literature and the Arts**

Pluralism and Diversity
PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.
3 hrs
3 cr.

**FREN 25300 - Modern French Theatre: Theory and Practice**

Pluralism and Diversity
PD/D
Ger
3/A

4 hrs
3 cr.

**FREN 25400 - Film and the French Novel**

Pluralism and Diversity
PD/D
Ger
3/A

Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.
4 hrs
3 cr.

**FREN 25900 - French Theatre in Translation**

Pluralism and Diversity
PD/D
Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation.
3 hrs
3 cr.

**FREN 26000 - French Novel in Translation (1600-1900)**
Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of the French novel; its relationship to other literary genres.
3 hrs
3 cr.

**FREN 26100 - Modern French Novel in Translation (1900-Present)**

Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3 cr.

**FREN 26200 - Perspectives on Women in French Literature**

Pluralism and Diversity
PD/C or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr.

**FREN 27500 - Introduction to French Literature**

Pluralism and Diversity
PD/D
Conducted in French. Introduction to literary texts and analysis using outstanding works of French literature in all genres from across centuries. Emphasis on reading comprehension and explication de texte.

*prereq: FREN 20200 or four yrs high school French*

3 hrs
3 cr.

**FREN 33500 - French Culture I**

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.

*prereq: FREN 20200 or four yrs high school French*

3 hrs
3 cr.

**FREN 33600 - French Culture II**

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.

**FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century**

- **Pluralism and Diversity**
- **PD/D**
- **GER**
- **3/A**

*prereq: FREN 20200 or four years of high school French*

- **3 hrs**
- **3 cr.**

From medieval epics, lyrical poetry and mystery plays to writers such as Scé, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.

- **3 hrs**
- **3 cr.**

**FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period**

- **Pluralism and Diversity**
- **PD/D**
- **GER**
- **3/A**

*prereq: FREN 20200 or four yrs high school French*

- **3 hrs**
- **3 cr.**

**FREN 34300 - Medieval and Renaissance French Literature**

- **Pluralism and Diversity**
- **PD/D**
- **GER**
- **3/A**

From medieval epics, lyrical poetry and mystery plays to writers such as Scé, Du Bellay, Ronsard, Rabelais and Montaigne.

- **3 hrs**
- **3 cr.**

**FREN 34400 - 17th Century French Literature**

- **Pluralism and Diversity**
- **PD/D**
- **GER**
- **3/A**

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruyère, Mme de Lafayette, La Fontaine,
Malherbe, Molière, Pascal, Racine, Mme de Sévigny, Saint Simon.

**prereq:** FREN 34100 and 34200

3 hrs

3 cr.

**FREN 34600 - 18th Century French Literature**

Pluralism and Diversity

PD/D

GER

3/A

Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.

**prereq:** FREN 34100 and 34200

3 hrs

3 cr.

**FREN 34800 - 19th Century French Literature (1800-1850)**

Pluralism and Diversity

PD/D

GER

3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.

FREN 34100 and 34200

3 hrs

3 cr.

**FREN 34900 - 19th Century French Literature (1850-1900)**

Pluralism and Diversity

PD/D

GER

3/A

Such authors as Barbey durevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de Isle-Adam, Zola.

**prereq:** FREN 34100 and 34200

3 hrs

3 cr.

**FREN 35000 - 20th Century French Literature (1900-1950)**

Pluralism and Diversity

PD/D

GER

3/A

Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Péguy,
Proust, Sartre.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Koltès, NDiaye, Pèrec, Redonnet, Robbe-Grillet, Sarrutte.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr.

FREN 36300 - The 18th Century: Special Topics
Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36600 - French Cinema: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

Topics to be offered may concern historical, thematic, or aesthetic issues in French-language cinema
prereq: FREN 34100 and FREN 34200 or equivalent
4 hrs
3 cr.

FREN 37500 - Seminar in French Literary History

Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr.
FREN 49100 - Honors Course in French

**Pluralism and Diversity**
PD/D
Open to Jr/Sr only. Research in history of French literature.
*prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser*

3 hrs
3 cr.

Italian

ITAL 26000 - Modern Italian Short Story (W)

**Pluralism and Diversity**
PD/D
GER
2/C

In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
*prereq: ENGL 120 or equiv.*

3 hrs
3 cr.

ITAL 27600 - Dante's Divine Comedy in English (W)

**Pluralism and Diversity**
PD/D
GER
3/A

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
*prereq: ENGL 12000*

3 hrs
3 cr.

ITAL 28000 - The Italian Renaissance: An Introduction

**Hunter Core**
Individual and Society (Humanities)
**Pluralism and Diversity**
PD/D
GER
2/C

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.  

**ITAL 33400 - Italian Civilization in the Baroque, in English**

**Prerequisite:** ENGL 12000  
3 hrs  
3 cr.

**ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present**

**Prerequisite:** ITAL 20200  
3 hrs  
3 cr.

**ITAL 34300 - Dante’s Vita Nuova and Inferno**

**Prerequisite or Corequisite:** ITAL 34100  
3 hrs  
3 cr.

**ITAL 34400 - Dante’s Purgatorio and Introduction to Paradiso**

**Prerequisite or Corequisite:** ITAL 34100  
3 hrs  
3 cr.
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34500** - Dante’s Paradiso and Major Prose Works

**Pluralism and Diversity**
**PD/D**
**GER**
**3/A**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 34300

3 hrs

3 cr.

**ITAL 34600** - Petrarch, Boccaccio and the Literature of Humanism

**Pluralism and Diversity**
**PD/D**
**GER**
**3/A**

Il Canzoniere and Il Decameron.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq:** ITAL 34100

3 hrs

3 cr.

**ITAL 34700** - 16th Century Italian Literature

**Pluralism and Diversity**
**PD/D**
**GER**
**3/A**

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq:** ITAL 34100

3 hrs

3 cr.

**ITAL 34800** - 17th and 18th Century Literature

**Pluralism and Diversity**
**PD/D**
**GER**
**3/A**
Study of such authors as Tasso, Goldoni and Alfieri.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 34900 - The Modern Italian Lyric

Pluralism and Diversity
PD/D
GER
3/A

From Leopardi to contemporaries.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 35000 - The Modern Italian Novel

Pluralism and Diversity
PD/D
GER
3/A

Novel from Manzoni to present.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

Spanish

SPAN 24100 - Civilization of Spain, in English

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/D
An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects.
prereq: ENGL 12000
3 hrs
3 cr.

SPAN 26400 - Contemporary Spanish Literature in Translation
Cela, Lorca, Unamuno, Ortega y Gasset. Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.

**SPAN 26500 - Don Quixote (in English translation) (W)**

**Pluralism and Diversity**  
PD/D  
GER  
3/A

Commentary and analysis of Cervantes' novel in its entirety, read in English translation. Examination of its main themes within the sociohistorical and literary contexts, as well as its essential role in the development of the modern novel.  
*Writing Intensive*

**prereq:** ENGL 12000  
3 hours  
3 credits

**SPAN 27500 - Readings in Modern Spanish Literature**

**Pluralism and Diversity**  
PD/D  
Representative writers: Unamuno, Lorca, Cela.

**prereq:** SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm  
3 hrs  
3 cr.

**SPAN 33500 - Spanish Civilization**

**Pluralism and Diversity**  
PD/D  
GER  
3/A


**prereq:** SPAN 20800, 21100 or dept. perm  
3 hrs  
3 cr.

**SPAN 34100 - Introduction to Hispanic Literature I**

**Pluralism and Diversity**  
PD/D  
GER  
3/A
Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.

*prereq or coreq: SPAN 31100 or dept. perm*

3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

**Pluralism and Diversity**

PD/D

GER

3/A

*prereq: SPAN 34100*

*coreq: SPAN 31200*

3 hrs
3 cr.

SPAN 34300 - Spanish Literature of the Middle Ages

**Pluralism and Diversity**

PD/D

GER

3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic *Poema de Mio Cid*, the beginning of the Christian cult of Virgin Mary (*Milagros de Nuestra Señora*), the origins of the short stories (*Libro de Conde Lucanor*), and the elegy will be studied. Special attention will be given to the position of women since the 12th Century, especially in *Libro de buen amor*.

*prereq: SPAN 34100*

3 hrs
3 cr.

SPAN 34500 - Spanish Drama of the Golden Age

**Pluralism and Diversity**

PD/D

GER

3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.

*prereq: SPAN 34100*

3 hrs
3 cr.

SPAN 34600 - Cervantes

**Pluralism and Diversity**

PD/D

GER

3/A
Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35000 - Spanish Poetry of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35300 - Spanish Neoclassicism and Romanticism

Pluralism and Diversity
PD/D
GER
3/A

Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35500 - Spanish Literature from Realism to World War I

Pluralism and Diversity
PD/D
GER
3/A

From Realism and Naturalism through the Generation of 1898 and Modernism.
prereq: SPAN 34100
3 hrs
3 cr.

**SPAN 35700 - Early 20th Century Spanish Literature**

Pluralism and Diversity
PD/D
GER
3/A

Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.

*prereq: SPAN 34100*
3 hrs
3 cr.

**SPAN 35800 - Post-Civil War Spanish Literature**

Pluralism and Diversity
PD/D
GER
3/A

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.

*prereq: SPAN 34100*
3 hrs
3 cr.

**SPAN 37000 - Special Topics in Spanish Literature**

Pluralism and Diversity
PD/D
GER
3/A

May be repeated with different topic.

*prereq: SPAN 34100; permission of adviser.*
3 hrs
3 cr.

**SPAN 37500 - Seminar in Spanish Literary History**

Pluralism and Diversity
PD/D
GER
3/A

Recommended for seniors. Readings, discussion and reports.

*prereq: SPAN 34100, 34200*
3 hrs
3 cr.
SPAN 49500 - Independent Study in Hispanic Literature

Pluralism and Diversity
PD/D
Prereq: perm dept.
1-3 cr.

Sociology

SOC 22100 - Classical Sociological Theory

Pluralism and Diversity
PD/D
GER
3/B

Classical theorists and their contributions.
Prereq: SOC 10100
3 hrs
3 cr.

Theatre

THEA 21100 - World Theatre I (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
Prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
Prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.
THEA 21300 - World Theatre III (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 32100 - Play Analysis (W)

Pluralism and Diversity
PD/D
GER
3/A

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

THEA 32200 - Theatre Theory and Criticism (W)

Pluralism and Diversity
PD/D
GER
3/A

Major theatrical theories, with emphasis on modern, as applied to acting, design, directing, and playwriting.
prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

THEA 33100 - Avant-Garde Theatre of the 20th Century (W)

Pluralism and Diversity
PD/D
GER
3/A

Departures from realism Expressionism, Artaud, Brecht, Grotowski from Alfred Jarry to the present.
prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

THEA 33200 - Theatre of Realism and Naturalism
Pluralism and Diversity
PD/D
GER
3/A

Plays, theory, and stagecraft of realism and naturalism movements from the late 19th century to the present.

*prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

THEA 33300 - Alternative Performance

Pluralism and Diversity
PD/D
GER
3/A

Study of performance styles and practices using theatre and/or film in non-traditional modes.

*prereq: THEA 21300 or THEA 32300
3 hrs
3 cr.

THEA 36200 - Acting: Period Drama

Pluralism and Diversity
PD/D
GER
3/A

Advanced scene study from classical plays of the Elizabethan, French Neo-Classic, Restoration and ancient Greek periods.

*prereq: THEA 21100 or 21200 or 21300; THEA 26200, 26300 or perm instr.
coreq: THEA 36300
4 hrs
3 cr.

Thomas Hunter Honors Program

HONS 20100 - Sophomore Honors Colloquium (W)

Pluralism and Diversity
PD/D
Sample topics: Integrating the Irrational; Dante's World; Language, Learning, and Computation; Law and Literature; The Gothic; Ethics in Public Health. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.

*prereq: perm dept.
3 hrs
3 cr.

HONS 30100 - Upper-Level Honors Colloquium (W)
Pluralism and Diversity
PD/D
Sample topics: Behavior and Evolution; Greek Myth in the Arts; Energy and Environment; Politics of Southern Africa. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.
prereq: perm dept.
3 hrs
3 cr.

Women and Gender Studies

WGST 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B

The history of political thought from the perspective of gender relations and the treatment of women. 
cross-listed POLSC 20900
prereq: ENGL 12000 or equiv.
3 hrs
3 cr.

WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class. 
cross-listed CLA 30500
prereq: ENGL 12000
3 hrs
3 cr.

List of Courses for the Hunter Focus in Foreign Language

return to: Language Proficiency Requirement

Africana and Puerto Rican/Latino Studies

Swahili

SWA 10100 - Swahili I

Introduction to Swahili, pronunciation and elements of grammar.
SWA 101 is usually not credited without completing SWA 102. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

**SWA 10200 - Swahili II**

Introduction to Swahili, pronunciation and elements of grammar. Each credit for SWA 10100 is not given until SWA 10200 completed
3 hrs
3 cr.

**SWA 20100 - Swahili III**

Grammar review, composition oral practice.
prereq: SWA 10200 or demonstrated competence in speaking and writing
3 hrs
3 cr.

**SWA 20200 - Swahili IV**

Review of morphology and syntax original composition, intensive oral practice.
prereq: SWA 20100 or demonstrated competence as a native speaker
3 hrs
3 cr.

**Yoruba**

**YOR 10100 - Yoruba I**

Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria. Each credit for YOR 10100 is not given until YOR 10200 is completed
3 hrs
3 cr. each

**YOR 10200 - Yoruba II**

Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria. Each credit for YOR 10100 is not given until YOR 10200 is completed
3 hrs
3 cr. each

**YOR 20100 - Yoruba III**

Writing and reading of Yoruba language, including study of grammar and syntax.
prereq: YOR 10200 or demonstrated competence in speaking and writing
3 hrs
3 cr.

**YOR 20200 - Yoruba IV**
Intensive writing and reading of Yoruba language and continuation of study of grammar and syntax.  

*prereq: YOR 20100 or demonstrated competence as a native speaker*  
3 hrs  
3 cr.

Classical and Oriental Studies

Arabic

ARB 10100 - Beginning Arabic I

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Language Proficiency Requirement  
3 hrs  
3 cr.

ARB 10200 - Beginning Arabic II

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.  

*prereq: ARB 10100 or permission of Head of Arabic Program.*  
3 hrs  
3 cr.

ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.  

*prereq: ARB 10200 or equiv.*  
3 hrs  
3 cr.

ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.  

*prereq: ARB 20100 or equiv.*
ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: perm of division head
3 hrs
3 cr.

ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any textbook. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: ARB 14800 or Arabic Program head's permission
3 hrs
3 cr.

Chinese

CHIN 10100 - Elementary Chinese I

Beginning course in Mandarin. CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.
3 hrs
3 cr.
offered spring

CHIN 20100 - Intermediate Chinese I

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.
prereq: CHIN 10200 or equiv.
3 hrs
CHIN 20200 - Intermediate Chinese II

Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.
3 hrs
3 cr.
offered spring

CHIN 10700 - Intensive Elementary Chinese

Equivalent to material covered in CHIN 10100 and CHIN 10200.
6 hrs
6 cr.

CHIN 20700 - Intensive Intermediate Chinese

Equivalent to material covered in CHIN 20100 and CHIN 20200.
prereq: CHIN 10200 or 10700
6 hrs
6 cr.

Greek

GRK 10100 - Beginning Ancient Greek 1

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

GRK 10200 - Beginning Ancient Greek 2

Elementary course in grammar, syntax and morphology of Ancient Greek.

prereq: GRK 10100
3 hrs
3 cr.
offered spring

GRK 10700 - Beginning Greek, Intensive

6 hrs
6 cr.
offered summer
GRK 21100 - Ancient Greek Reading: Prose

Intermediate-level course in reading Greek prose. Offered in the fall.

*prereq: GRK 10200
  3 hrs
  3 cr.
  offered fall

GRK 21200 - Ancient Greek Reading: Poetry

Intermediate-level course in reading Greek poetry, usually Homer. Offered in the spring.

*prereq: GRK 21100
  3 hrs
  3 cr.
  spring

Hebrew

HEBR 10100 - Elementary Hebrew I

Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Language Proficiency Requirement.

*3 hrs
  3 cr.

HEBR 10200 - Elementary Hebrew II

Continuation of HEBR 10100.

*prereq: HEBR 10100 or equiv.
  3 hrs
  3 cr.

HEBR 10300 - Intensive Elementary Hebrew

Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.

*6 hrs
  6 cr.

HEBR 10400 - Elementary Hebrew for Heritage Speakers

Elementary Hebrew for students who possess some familiarity with the language but who lack systematic background in grammar and/or one or more basic skills.

Equivalent of HEBR 10100-HEBR 10200 or HEBR 10300

*prereq: Permission of Hebrew Program required.
  3 hrs
  3 cr.
HEBR 20100 - Intermediate Hebrew I

Continued practice in conversational Hebrew, grammar and composition.

*prereq: HEBR 10200 or equiv.*

3 hrs

3 cr.

HEBR 20200 - Intermediate Hebrew II

Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.

*prereq: HEBR 20100 or equiv.*

3 hrs

3 cr.

HEBR 10500 - Elementary Biblical Hebrew I

Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew. Not credited without HEBR 10600

3 hours

3 credits

HEBR 10600 - Elementary Biblical Hebrew II

The second in a series of 4 introductory courses in Biblical Hebrew.

*prereq: HEBR 105 or equivalent.*

3 hours

3 credits

HEBR 20400 - Intermediate Hebrew For Heritage Speakers

Intermediate Hebrew for students who entered the language sequence with some familiarity with the language while lacking systematic background in grammar and/or one or more basic skills. Intended for students who have completed HEBR 10400.

Equivalent of HEBR 20100-HEBR 20200 or HEBR 20300.

3 hrs

3 cr.

HEBR 20500 - Intermediate Biblical Hebrew I

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses.

*prereq: Biblical Hebrew 10600 or equivalent.*

3 hours

3 credits

HEBR 20600 - Intermediate Biblical Hebrew II

This is the 4th semester of the 4-semester Biblical Hebrew series.

*prereq: HEBR 20500 or equivalent.*
Japanese

**JPN 10100 - Elementary Japanese I**

Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation. JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**JPN 10200 - Elementary Japanese II**

Continuation of 10100.

prereq: JPN 10100 or equiv.

3 hrs
3 cr.

**JPN 20100 - Intermediate Japanese I**

Continuation of JPN 10100-10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.

prereq: JPN 10200 or equiv.

3 hrs
3 cr.

**JPN 20200 - Intermediate Japanese II**

Continuation of JPN 20100.

prereq: JPN 20100 or equiv.

3 hrs
3 cr.

Latin

**LAT 10100 - Beginning Latin 1**

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.

3 hrs.
3 cr.
offered fall

**LAT 10200 - Beginning Latin 2**
LAT 10700 - Beginning Latin, Intensive

6 hrs
6 cr.
offered spring

LAT 21100 - Latin Reading: Prose

Intermediate-level course in reading Latin prose. Offered in the Fall.

prereq: LAT 10200 or LAT 10700
3 hrs
3 cr.
offered fall

LAT 21200 - Latin Reading: Poetry

Intermediate-level course in reading Latin poetry, usually Virgil or Ovid, in alternating semesters. Offered in the Spring. May be taken twice for credit toward the degree if different authors are read and only with departmental permission. Students who have taken LAT 20100 or LAT 20300 must receive departmental permission to take this course.

prereq: LAT 21100; Not open to students who have taken LAT 20100 or LAT 20300.
3 hrs
3 cr.

Polish

POL 10100 - Elementary Polish

POL 10100 usually not credited without POL 10200. For details about credit policy, please see Language Proficiency Requirement.
2 sems, 6 hrs
6 cr.

POL 10200 - Elementary Polish

2 sems, 6 hrs
6 cr.

POL 20100 - Intermediate Polish I

prereq: POL 10200
3 hrs
3 cr.

POL 20200 - Intermediate Polish II
prereq: POL 20100
3 hrs
3 cr.

Russian

**RUSS 10100 - Elementary Russian**

The course introduces students to elementary reading, speaking, listening and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 10300. For details about credit policy, please see Language Proficiency Requirement.
prereq: By departmental permission only.
2 sems, 3 hrs
3 cr. each sem.

**RUSS 10200 - Elementary Russian**

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr. each sem.

**RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)**

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
6 cr.

**RUSS 20100 - Intermediate Russian I**

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.
prereq: RUSS 10200 or 10300
3 hrs
3 cr.

**RUSS 20200 - Intermediate Russian II**

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr.

**RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)**

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
prereq: RUSS 10300 or instructor's permission.
6 hrs
6 cr.

German

GERMN 10100 - Elementary German I

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners. GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GERMN 10100 or equiv.
3 hrs
3 cr.

GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GERMN 10100 and 10200 in one semester.
6 hrs
6 cr.

GERMN 20000 - Intensive German 2 and 3

prereq: GERMN 10100
6 hrs
6 cr.

GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GERMN 10200 or equiv.
3 hrs
3 cr.

GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.
prereq: GERMN 20100 or equiv.
3 hrs
3 cr.

**GERMN 20300 - Intensive Intermediate German**

Covers material of GRMN 201 and 202 in one semester.
*prereq: GRMN 10200, 10300 or equiv.*

6 hrs
6 cr.

**Romance Languages**

**French**

**FREN 10100 - Elementary French I**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**FREN 10200 - Elementary French II**

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
*prereq: FREN 101 or one yr high school French.*

3 hrs
3 cr.

**FREN 10300 - Intensive Elementary French**

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

6 hrs
6 cr.

**FREN 20100 - Intermediate French I**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr.

**FREN 20200 - Intermediate French II**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr.

**FREN 20300 - Intensive Intermediate French**

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr.

**Italian**

**ITAL 10100 - Elementary Italian I**

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

**ITAL 10200 - Elementary Italian II**

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr.

**ITAL 10300 - Intensive Elementary Italian**

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
ITAL 20100 - Intermediate Italian I

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 10200 or 2 yrs high school Italian

3 hrs
3 cr.

ITAL 20200 - Intermediate Italian II

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 201 or three yrs high school Italian

3 hrs
3 cr.

ITAL 20300 - Intensive Intermediate Italian

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 10200 or 10300

6 hrs
6 cr.

Spanish

SPAN 10100 - Elementary Spanish I

Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.

**prereq:** SPAN 10100 or one yr high school Spanish

3 hrs
3 cr.

SPAN 10300 - Intensive Elementary Spanish
Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr.

**SPAN 20100 - Intermediate Spanish I**

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr.

**SPAN 20200 - Intermediate Spanish II**

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr.

**SPAN 20300 - Intensive Intermediate Spanish**

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr.

**SPAN 20700 - Intermediate Spanish for Native Speakers**

Spanish for native speakers.
prereq: SPAN 10600, 20600 or perm dept.
3 hrs
3 cr.

**SPAN 20800 - Advanced Spanish for Native Speakers**

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.

**Portuguese**

**PORT 10100 - Elementary Portuguese I**

Elementary Portuguese. Language Lab
PORT 10100 not usually credited without PORT 10200
PORT 10200 - Elementary Portuguese II

Elementary Portuguese II language lab
PORT 10200 not credited without PORT 10100
3 hrs
3 cr.

PORT 20100 - Intermediate Portuguese I

Intermediate Portuguese I
prereq: PORT 10200 or two years of high school Portuguese
3 hrs
3 cr.

PORT 20200 - Intermediate Portuguese II

Intermediate Portuguese II
prereq: PORT 20100 or 3 years of High School Portuguese
3 hrs
3 cr.

List of Selected Approved Courses for the Minor in Middle East Studies

(subject to Modification)

Area I: Historical Formations

Anthropology

ANTHC 22800 - Archaeology of the Near East to 2000 BC

Pluralism and Diversity
PD/A
GER
3/B

Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

Classics
CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core  
World Culture and Global Issues (WCGI)  
GER  
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

CLARC 32500 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity  
PD/A  
GER  
3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.  
*prereq: ENGL 12000, CLARC 20400*  
3 hrs  
3 cr.

CLARC 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity  
PD/A  
GER  
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.  
*prereq: ENGL 12000, CLARC 20400*  
3 hrs  
3 cr.

CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity  
PD/A  
GER  
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.  
*prereq: ENGL 12000, CLARC 20400*  
3 hrs  
3 cr.
Hebrew

HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

3 hrs
3 cr

History

HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)

Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 27651 - The Modern Middle East from 1800 to the Present (W)

Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 37300 - History of the Ottoman Empire (W)
Pluralism and Diversity
PD/A
GER
3/B

This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the 12th-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.

prereq: ENGL 12000
3 hrs
3 cr.

Area II: Society and Politics

Anthropology

ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.
3 hrs
3 cr.

ANTHC 401.78 Ethnology of the Middle East
ANTHC 400 Ethnographies of the Middle East

Hebrew

HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

Political Science

POLSC 26300 - Government and Politics in the Middle East (W)
Pluralism and Diversity
PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 26400 - Government and Politics of Israel (W)

GER
3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

Religion

REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

prereq: ENGL 12000
3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.

prereq: ENGL 12000
3 hrs
3 cr.
REL 32200 - Islam (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam, its development, history, literature, philosophy and religious practices.
 prereq: ENGL 12000
3 hrs
3 cr.

REL 32400 - Islam and Buddhism (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
 prereq: ENGL 12000
3 hrs
3 cr.

REL 33700 - Sufism (W)

Pluralism and Diversity
PD/A
GER
3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta'awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
 prereq: ENGL 12000
3 hrs
3 cr.

Sociology

SOC 36200 - Sociology of Islam (W)

GER
3/B

Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
 prereq: SOC 10100
3 hrs
3 cr.
Area III: Arts, Literatures and Cultures

Arabic

ARB 20000 - Topics in Arabic Literature and Culture

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

prereq: ENGL 12000 or equivalent
3 hrs.
3 cr.

ARB 25000 - The Arab Novel (in translation) (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

prereq: ENG 22000 or equiv.
3 hrs
3 cr.

ARB 25100 - Arab Cinema (in translation)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

prereq: ENGL 12000 or equivalent
3 hrs
3 credits

ARB 25200 - Literatures from the Islamic World (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 credits

**ARB 25300 - Literatures and Cultures of Muslim Spain (W)**

**Hunter Core**

World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/A

GER

2/C

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 credits

**ARB 25400 - The Arabian Nights East and West (W)**

**Hunter Core**

Creative Expression (CE)

Pluralism and Diversity

PD/A

GER

2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.

**prereq or coreq:** ENGL 12000 or equivalent

3 hours

3 credits

**ARB 25500 - Modern Palestinian Culture**

**Hunter Core**

World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.

3 hrs

3 cr.

**ARB 30000 - Problems in Arabic Literature and Culture**

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester’s offerings
can be found on the on-line class schedule.

prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.

3 hours
3 credits

Art History

**ARTH 20500 - Egyptian Art**

*Pluralism and Diversity*
PD/A
GER
3/A

Geographical, historical and social conditions of the Nile. Influence of Egyptian art.

*prereq: ARTH 11100*

*prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.*

3 hrs
3 cr.

**ARTH 26000 - Islamic Art and Architecture**

*Pluralism and Diversity*
PD/A
GER
3/A

Introduction to the art and architecture of Islamic lands (7th to 19th century).

*prereq: ARTH 11100*

3 hrs
3 cr.

Hebrew (partial listing)

**HEBR 21000 - Selected Studies in Hebrew Literature in Translation**

*Pluralism and Diversity*
PD/C (HEBR 21060 only)

Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 hrs
3 cr.

**HEBR 22000 - Israeli Cinema**

*Pluralism and Diversity*
PD/A
GER
Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.

cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

HEBR 22100 - Modern Israeli Culture

Hunter Core

World Culture and Global Issues (WCGI)

A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.

prereq: ENGL 12000
3 hours
3 credits

HEBR 31000 - Modern Hebrew Literature I

Pluralism and Diversity

PD/D

GER

3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.

prereq: HEBR 20200 or equiv. or exemption
3 hrs
3 cr

HEBR 31100 - Modern Hebrew Literature II

GER

3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.

prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31500 - Biblical Literature: Pentateuch
Pluralism and Diversity
PD/A
GER
3/A

Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 32000 - The Modern Hebrew Short Story

GER
3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 32200 - Medieval Literature

Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 32400 - The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
3/A

Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
HEBR 32500 - History of Modern Hebrew Literature
GER
3/A
Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700 - The Modern Hebrew Novel
GER
3/A
Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32800 - Contemporary Hebrew Prose
GER
3/A
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

Music

MUSHL 24300 - Music of the Middle East
Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.

prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor
3 hrs
3 cr

Other Courses
Students may petition for other courses to fulfill the elective requirement. No more than two classes from other campuses or universities may be used to fulfill MMES requirements.

**Course Descriptions**

**Numbering System** Each course in the curriculum is defined by an alphabetical prefix and a 3-digit number. The 3-digit number indicates the level of study: 100- and 200-level courses are lower division; 300- and 400-level courses are upper division; 500-, 600- and 700-level courses are graduate courses.

When a W is added to the end of the course number, this means that the course will satisfy the Writing Requirement. However, not all sections of courses with a W meet the writing requirement. Refer to the schedule of classes to see which sections of the course are designated as W.

**000-level course designation** Developmental courses for ESL students; placement determined by testing of entering students.

**100-level course designation** Courses with no prerequisites, survey courses or courses defining basic concepts and presenting the terminology of a discipline.

**200-level course designation** Courses of intermediate college-level difficulty, courses with 100-level course(s) as prerequisite(s) or survey courses devoted to particular areas or fields within a discipline.

**300-level course designation** Courses of advanced college-level difficulty taken by majors and upper-division students; these are often considered to be courses in the major, offered for students clearly interested in and qualified in the subject.

**400-level course designation** Advanced upper-division courses and/or seminars, tutorials and honors courses for majors and upper-division students.

**Alphabetical Prefixes** The following prefixes are used, preceding the 3-digit number, to designate the field of study. They are listed here alphabetically, with the department or program and field to which they pertain. Specific departments and programs appear alphabetically in the table of contents, the index and the HEGIS Code section.

**AFPRL 10000 - Introduction to Black Politics**

**Hunter Core**
Individual and Society (Social Sciences) - I&S SS

**Pluralism and Diversity**
PD/B
GER
2/B

General survey of politics of African world with major emphasis on politics in Black America.

*3 hrs*

*3 cr*

**AFPRL 10100 - Introduction to Africana Studies**

**Pluralism and Diversity**
PD/A or B
GER
2/B
Introduction to the history and culture of Africa and the African diaspora.

3 hrs
3 cr.

**AFPRL 10200 - Latino Communities in the United States**

Pluralism and Diversity
PD/B
GER
2/B

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr.

**AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective**

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr.

**AFPRL 10400 - Introduction to Puerto Rican and Latino Studies**

Hunter Core
Individual and Society (Social Sciences) I&SS
Pluralism and Diversity
PD/B

An examination of the Puerto Rican and Latino experience in the United States as part of the larger ethnic minorities' struggle for political, cultural, and social recognition and equality. The course provides students with an introduction to and a basic understanding of the Puerto Rican and Latino experience in the US.
3 hrs
3 cr.

**AFPRL 14100 - Puerto Rican Folklore**

Pluralism and Diversity
PD/A or B
GER
2/C
Study of Puerto Rican folklore: traditional beliefs, legends, religious rites and typical music.

3 hrs  
3 cr.

**AFPRL 14300 - The Image of the Puerto Rican National Identity in Its Literature**

**Pluralism and Diversity**  
PD/A  
Analysis of literary works of Puerto Rican authors and their images of Puerto Rican society.

*prereq: ENGL 12000 and reading knowledge of Spanish*  
3 hrs  
3 cr.  
offered fall only

**AFPRL 20100 - African History from Human Origins to 1600 CE**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/A  
**GER**  
2/B  
African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.

3 hrs  
3 cr.

**AFPRL 20200 - African History Since 1600 CE**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/A  
**GER**  
2/B  
Main currents of African history from 1600 CE to present

3 hrs  
3 cr.

**AFPRL 20300 - African American History I**

**Pluralism and Diversity**  
PD/B  
**GER**  
2/B  
Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.

3 hrs  
3 cr.
AFPRL 20400 - African American History II

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from Reconstruction to the present.
3 hrs
3 cr.

AFPRL 20500 - African American Politics of Social Change

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B

The Civil Rights Movement and social change in U.S. Since 1954.
3 hrs
3 cr.

AFPRL 20600 - African Political and Social Change

Pluralism and Diversity
PD/A
Introductory study of political and social change in Africa during the second half of the 20th century.
3 hrs
3 cr.

AFPRL 20700 - African Caribbean Politics I

Pluralism and Diversity
PD/A
Examines political economy of slavery and colonialism and responses of Caribbean people from 1492 to political independence.
3 hrs
3 cr.

AFPRL 20800 - African Caribbean Politics II

Pluralism and Diversity
PD/A
Begins with attainment of political independence by major Caribbean countries; focuses on nation building.
prereq: AFPRL 20700
3 hrs
3 cr.

AFPRL 20900 - Introduction to Caribbean History to 1900
Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history to 1900.

prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 21000 - Introduction to Caribbean History: 1900 - Present

Hunter Core
World Culture and Global Issues

Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.

prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 21100 - Black Economic History

Survey of economic behavior of Black Americans since 1619, with African background.

3 hrs
3 cr.

AFPRL 22000 - African Spirituality in the Diaspora

Pluralism and Diversity
PD/A or B
GER
2/C

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.

3 hrs
3 cr.

AFPRL 22200 - African Civilization

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/C
Introduction to study of African civilization.

3 hrs
3 cr.

**AFPRL 23500 - African Literature (W)**

Pluralism and Diversity
PD/A
GER
2/A

Introduction to contemporary African literature originally written in English. The course is conducted in English; all course requirements are in English.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 23600 - African American Literature (W)**

Pluralism and Diversity
PD/B
GER
2/A

Introduction to African American writing, from earliest expressions to present.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 23700 - African Caribbean Literature (W)**

Pluralism and Diversity
PD/A or B
GER
2/A

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.

*prereq: ENGL 12000*

3 hrs
3 cr.

**AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)**

Hunter Core
English Composition (EC)
Pluralism and Diversity
PD/A or B
GER
2/A
Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.

prereq: ENGL 12000
3 hrs
3 cr

**AFPRL 24100 - Puerto Rican History to 1897**

Pluralism and Diversity
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr.

**AFPRL 24200 - Puerto Rican History Since 1898**

Pluralism and Diversity
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr.

**AFPRL 24300 - Puerto Rican Culture**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr.

**AFPRL 24400 - Puerto Ricans in the United States**

Pluralism and Diversity
PD/B
GER
2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
AFPRL 24500 - Puerto Rican Literature I

Pluralism and Diversity
PD/A
Analysis of the emergence and development of the various literary genres which surfaced during the 19th century in the literature of Puerto Rico. Discussion and analysis of major 19th century Puerto Rican authors (Hostos, Tapia and Zeno Gandia).

prereq: SPAN 20200 or equiv. or perm instr.

3 hrs
3 cr.

AFPRL 24600 - Puerto Rican Literature II

Pluralism and Diversity
PD/A
Discussion and analysis of the literary and cultural evolution of Puerto Rico viewed through the works of key 20th century authors. Literary production from the 1960s onwards is emphasized.

prereq: SPAN 20200 or equiv. or perm instr.

3 hrs
3 cr.

AFPRL 24700 - Puerto Ricans in the U.S. as a Literary Theme

Analysis of literary texts dealing with Puerto Rican communities in U.S. and their migration experiences.

prereq: ENGL 12000 and reading knowledge of Spanish

3 hrs
3 cr.

AFPRL 25500 - Puerto Rican/Latino Children in North American Schools

Pluralism and Diversity
PD/B
Survey of educational system viewed as an acculturating institution.

3 hrs
3 cr.

AFPRL 26000 - Latinos and US Citizenship

Hunter Core
Individual and Society
Pluralism and Diversity
PD/B
Study of the relationship of US Latinos to the institution of American citizenship through history and examination of major issues today.

3 hrs
3 cr.

AFPRL 27000 - Economic History of Puerto Ricans
Stages of change in economic structures and labor conditions among Puerto Ricans in Puerto Rico and the U.S.

prereq: AFPRL 24200 or 24400
3 hrs
3 cr.

**AFPRL 28100 - Fieldwork in African American/Latino Communities**

Fieldwork involvement and sociopolitical analysis of a community organization in the Black and/or Puerto Rican/Latino communities.
Course open to Majors and Minors Only
3 hrs
3 cr. each

**AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies**

Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
3 cr.

**AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)**

Pluralism and Diversity
PD/B
GER
3/B

Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr.

**AFPRL 30600 - Modern African International Relations (W)**

Pluralism and Diversity
PD/A
GER
3/B

Factors affecting relations among African states and between African and non-African states within international system.
prereq: AFPRL 20600 or perm instr.
3 hrs
3 cr.

**AFPRL 30700 - Contemporary African Politics (W)**

GER
3/B
Study of post-independence nationalism, political systems, regional and inter-nation cooperation of African nations.

*prereq: AFPRL 20600 or perm instr.*
3 hrs
3 cr.

**AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)**

**GER**
3/B

Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.

*prereq: AFPRL 20700 or 21000 or perm instr.*
3 hrs
3 cr.

**AFPRL 30900 - African-Americans and Africa (W)**

**Pluralism and Diversity**
PD/A or B
**GER**
3/B

Major evidence of Black American involvement and interest in Africa from 1775 to present.

*prereq: AFPRL 20300 or 20400*
3 hrs
3 cr.

**AFPRL 31000 - Modern Nigeria (W)**

**GER**
3/B

Detailed study of the historical development of modern Nigeria from the late 19th century to the present.

*prereq: perm instr.*
3 hrs
3 cr.

**AFPRL 31300 - Slavery (W)**

**Pluralism and Diversity**
PD/A or B
**GER**
3/B

Historical overview of slavery from Africa to the Americas.

*prereq: AFPRL 20300 or 20900 or perm instr.*
3 hrs
3 cr.

**AFPRL 31800 - Women in Africa (W)**
Pluralism and Diversity
PD/C
GER
3/B

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.
cross-listed WGSC 31800 (A Writing-intensive Course)
prereq: AFPRL 20200 or 22200 or perm instr.
3 hrs
3 cr.

AFPRL 31900 - Women in the African Diaspora (W)

Pluralism and Diversity
PD/B or C
GER
3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

AFPRL 32000 - African-Caribbean Culture (W)

Pluralism and Diversity
PD/A or B
GER
3/A

prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr.

AFPRL 32100 - Caribbean Migration and New York City (W)

Pluralism and Diversity
PD/A or B
GER
3/B

An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.
prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3 cr.
**AFPRL 33600 - African-American Women Writers (W)**

**Pluralism and Diversity**
**PD/C**
**GER**
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction and children's books.
*cross-listed* WGS 33600 (W)
*prereq:* AFPRL 23600 or perm instr.
3 hrs
3 cr.

**AFPRL 33700 - Caribbean Women Writers (W)**

**GER**
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.
*cross-listed* WGSA 33700 (W)
*prereq:* AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr.

**AFPRL 34200 - Political Nationalism in Puerto Rico (W)**

**Pluralism and Diversity**
**PD/A**
**GER**
3/B

Nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy.
*prereq:* AFPRL 24200 or perm instr.
3 hrs
3 cr.

**AFPRL 35100 - Major Puerto Rican Figures (W)**

**Pluralism and Diversity**
**PD/A or B**
**GER**
3/B

Theorists, poets and statesmen in formation of Puerto Rican nationality.
*prereq:* AFPRL 14300 or 24200 or 24300
3 hrs
3 cr.

**AFPRL 35200 - Power Structure in Puerto Rico (W)**
GER
3/B

Social analysis of class divisions, role of the economy and the United States presence in Puerto Rico.
prereq: AFPRL 24300 or 27000
3 hrs
3 cr.

AFPRL 35500 - The African Image in 19th and 20th century Spanish Antillean Poetry (W)

Pluralism and Diversity
PD/A
GER
3/A

The portrayal of the African image in Spanish Antillean poetry seen through the work and poetic trends of its major exponents.
prereq: AFPRL 14300 or SPAN 20800, reading knowledge of Spanish
3 hrs
3 cr.

AFPRL 35600 - Latino Literature in English (W)

Pluralism and Diversity
PD/B
GER
3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
3 hrs
3 cr.

AFPRL 36000 - Politics in Puerto Rico (W)

GER
3/B

Analysis of the political status issue, development of political parties, national leadership and participation.
prereq: AFPRL 24200 or 34200 or perm instr.
3 hrs
3 cr.

AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)

Pluralism and Diversity
PD/A or B
GER
3/A

Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures.
Religious syncretisms, popular imagery and ritual practices.

prereq: AFPRL 14100 or 24300
3 hrs
3 cr.

**AFPRL 38400 - Poverty in Society (W)**

**GER**
3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.

prereq: successful completion of any 2 AFPRL courses
3 hrs
3 cr.

**AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)**

**Pluralism and Diversity**
PD/B
**GER**
3/B

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States.
prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr.

**AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)**

**GER**
3/A or B

Topics change according to instructor.
Open to Jr/Sr only.
3 hrs
3 cr.

**AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies:**

**Social Science**

**Pluralism and Diversity**
PD/B
**GER**
3/A or B

Topics change according to instructor.
Pluralism and diversity requirements are dependent on the topic course.
prereq: perm dept.
3 hrs
3 cr.
**AFPRL 42863 - Afro-Latino Culture and History**

*Pluralism and Diversity*
PD/A  
GER  
3/A

*3 hrs*  
*3 cr.*

**AFPRL 44500 - Caribbean Short Story in Spanish: Readings and Theories**

*GER*  
3/A

A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.  
*prereq or coreq: SPAN 20800*  
*3 hrs*  
*3 cr.*

**AFPRL 49900 - Honors**

Individual research and 30 page honors essay based on assigned theme under supervision of a full-time AFPRL faculty member.  
*prereq: completion of 24 AFPRL credits including three 300/400 level courses; only open to AFPRL upper seniors with 3.5 major GPA and 3.0 cumulative GPA.*  
*3 hrs*  
*3 cr.*

**AFPRL 18100 - Language and Ethnic Identity**

*Hunter Core*  
Individual and Society (Social Sciences) -I&S SS

**AFPRL 18200 - Culture and Ethnic Identity**

*Hunter Core*  
World Culture and Global Issues (WCGI)

**AFPRL 24800 - Caribbean Spanish**

**AFPRL 27600 - The Puerto Rican Family**

**AFPRL 31400 - Blacks in Labor and Politics (W)**

*GER*  
3/B

Black labor from emancipation to present. Emphasis on period between New Deal and present.
prereq: AFPRL 20400 or 20500 or perm instr.
3 hrs
3 cr.

**AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)**

Pluralism and Diversity

PD/A

GER

3/A

Examination of African religious systems, metaphysical conceptions and philosophy.

**prereq:** AFPRL 22200 or perm instr.

3 hrs

3 cr.

offered every other sem.

**AFPRL 32300 - Islam and Christianity in Africa (W)**

GER

3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.

**prereq:** AFPRL 201 or 202 or 222 or perm instr.

3 hrs

3 cr.

**AFPRL 32400 - African-American Ethnohistory (W)**

Ethnohistorical survey of development of Black culture in the diaspora; reinterpretation of African forms in Western European environment.

**prereq:** AFPRL 22000 or perm instr.

3 hrs

3 cr.

**AFPRL 33000 - Autobiography as a Theme in Black Literature (W)**

GER

3/A

Treatment of autobiographical works of Black authors in U.S., Caribbean and Africa during 19th and 20th centuries.

**prereq:** AFPRL 23600 or perm instr

3 hrs

3 cr.

**AFPRL 37000 - Sociolinguistic Fieldwork in Black and Puerto Rican/Latino Speech Communities (W)**

GER

3/B
Sociolinguistic theory applied to linguistic varieties spoken in African American, African-Caribbean, Puerto Rican and other Latino communities.

prereq: AFPRL 18100 or ANTHC 15100
3 hrs
3 cr.

**AFPRL 40100 - Pan-Africanism**

**GER**

3/B

Seminar traces development of Pan-Africanism through the 20th century. Not open to freshmen.

prereq: AFPRL 20200 or 20400 or 20600
3 hrs
3 cr.

**AFPRL 40200 - African American Political Thought**

**GER**

3/B

Comparative theorists; methods and ideological currents.

prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr.

**AFPRL 40300 - Development Strategies in the African-Caribbean**

**GER**

3/B

Analysis of developmental strategies used by Caribbean nations after independence.

prereq: AFPRL 20700 or 20800 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

**AFPRL 42000 - The Black Church and Social Change**

**GER**

3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.

prereq: AFPRL 20300 or 20400 or 20500 or perm instr.
3 hrs
3 cr.

**AFPRL 44200 - History of Puerto Rican Labor Movements**
Historical development of Puerto Rican working class, its movements and organizations from 19th century to present.

prereq: AFPRL 24200 or 27000
3 hrs
3 cr.

**ANTHC 12600 - Introduction to Prehistoric Archaeology**

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs
3 cr.
offered every sem.

**ANTHC 12700 - Methods In Archaeological Science**

Hunter Core
SW

Introduction to theory and method of scientific research in archaeology.

prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

**ANTHC 22600 - Archaeology of Africa**

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies.

prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

**ANTHC 22700 - Archaeology of Europe**

Pluralism and Diversity
PD/D
GER
3/B

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.

prereq: ANTHC 12600 or perm instr.
ANTHC 22800 - Archaeology of the Near East to 2000 BC

Pluralism and Diversity
PD/A
GER
3/B

Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23000 - Prehistory of North American Indians

GER
3/B

Examination of adaptation and change in prehistoric cultural systems, employing archaeological and ethnohistorical sources.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23100 - Archaeology of Mesoamerica

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 32600 - Rise of Old and New World Civilizations

GER
3/B
Theoretical and empirical examination of development of urbanism and state, in the Old and New Worlds.

**prereq:** ANTHC 12600 or perm instr.
3 hrs
3 cr.

**ANTHC 32700 - Prehistoric Cultural Ecology**

**GER**
3/B

Survey of selected problems in human evolution and adaptation from an ecological perspective.

**prereq:** ANTHC 12600 or perm instr
3 hrs
3 cr.

**ANTHC 34600 - Analytic Methods in Archaeology**

**GER**
3/B

Theory and methods of analysis of materials recovered from archaeological excavations and surveys.

**prereq:** ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr.

**ANTHC 42600 - Seminar in Archaeological Field Methods**

**Pluralism and Diversity**
See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D

**prereq:** ANTHC 12600 or perm instr.
3 hrs
3 cr.

**ANTHP 10100 (STEM) - Human Evolution**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
**GER**
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.
ANTHP 10200 (STEM) - Human Variation

Hunter Core
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
GER
2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10500 - The Human Species

Hunter Core
Life and Physical Sciences (LPS)
GER
2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution

3 hrs
3 cr.

ANTHP 21000 - Biology of the Living Primates

This survey-based course will examine the diversity of the Order: Primates. The course will focus on the habitats, life history, ecology, behavior, and conservation of the living primates from an evolutionary perspective.

3 hrs
3 cr.

ANTHP 21400 - Theory of Evolution

History of and major debates in evolutionary theory, with particular emphasis on human evolution.

prereq: ANTHP 10100, 10200, or equiv.
3 hrs
3 cr.

ANTHP 30100 - Human Fossil Record

Pluralism and Diversity
PD/C
GER
3/B
The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.

*prereq: ANTHP 10100, 10200, or equiv.*

3 hrs
3 cr.

**ANTHP 30200 - Human Genetics**

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.

*prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500*

3 hrs
3 cr.

**ANTHP 30500 - Evolution of the Human Skeleton**

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved. This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.

*prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).*

3 hrs
3 cr.

**ANTHP 30600 - Human Anatomy**

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.

*prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 102 (Principles of Biology 2) or BIOL 12200 (Anatomy & Physiology 2).*
ANTHP 31000 - Primate Ecology and Behavior

GER
3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species.

_prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200

3 hrs
3 cr.

ANTHP 31100 - Primate Evolution

GER
3/B

65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.

_prereq: ANTHP 10100 or perm instr.

3 hrs
3 cr.

ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.

_prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500

3 hrs
3 cr.

ANTHP 31600 - Human Evolutionary Adaptations

GER
3/B

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.

_prereq: ANTHP 10100 or ANTHP 10500

3 hrs
3 cr.

ANTHP 31800 - Primate Nutritional Ecology

This course will examine how primates meet their nutritional needs through interactions with their environments. From an evolutionary perspective, the course will address primate feeding and digestion, foraging theory and dietary methods.
prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or BIOL 10200 (Principles of Biology 2) or ANTHP105 (The Human Species) or ANTHP 21000 (Biology of the Living Primates
3 hrs.
3 cr.

ANTHP 40100 - Seminars in Selected Topics
Course provides in-depth study of specific topics in field of physical anthropology.
prereq: prereq; depends on topic
3 hrs
3 cr.

ANTHC 10000 - Cultural Diversity in the United States: Historical and Ethnographic Perspectives (W)

Hunter Core
US Experience in its Diversity (USED)
Introduction to the critical and comparative study of cultural diversity in the United States.
prereq: ENGL 12000
3 hrs
3 cr.

ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr.
offered every sem.

ANTHC 20000 - Africa: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Pre-colonial, colonial and contemporary communities, subsistence and exchange systems and ecological adaptations.
3 hrs
3 cr.

ANTHC 20100 - The Middle East: Societies and Cultures
Pluralism and Diversity
PD/A
GER
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.
3 hrs
3 cr.

ANTHC 20400 - East Asia: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Historical and regional variation in various East Asian societies, with a focus on political economy, family, kinship, community and national minorities.
3 hrs
3 cr.

ANTHC 20500 - Global Health & Culture

Global Health research examines how interactions between cultural, biological, and political factors affect the health and well-being of individuals and populations, and how biomedical science can be most effective in contexts of poverty, war, or epidemic disease. Topics covered in this class include environmental justice, consequences of war and displacement, and the global health response to emerging epidemics and climate change.
3 hrs.
3 cr.

ANTHC 20700 - Anthropology and Education

Cross-cultural study of schooling and non-formal education viewed through the lens of cultural anthropology. The course examines teaching and learning with an emphasis on the cultural components of what children are taught, and how they learn. Emphasis is placed on applications of anthropology to theory, policy, and practice in education.
3 hrs.
3 cr.

ANTHC 21100 - Native North America: Societies and Cultures

Pluralism and Diversity
PD/A or B
GER
3/B

Adaptive strategies and cultural variations in pre and post-contact periods; problems in contemporary societies.
3 hrs
3 cr.

ANTHC 21300 - Latin America: Societies and Cultures
Pluralism and Diversity
PD/A
GER
3/B

Development and organization of tropical forest Indians, hacienda and plantation economies, peasant and urban societies.
3 hrs
3 cr.

ANTHC 21400 - The Caribbean: Societies and Cultures

Pluralism and Diversity
PD/A
GER
3/B

Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
3 hrs
3 cr.

ANTHC 21500 - The Anthropology of Black America (W)

Pluralism and Diversity
PD/B
GER
3/B

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.
prereq: ENGL 12000
3 hrs
3 cr.

ANTHC 21800 - The Anthropology of the Civil Rights Movement in the U.S.

Pluralism and Diversity
PD/B
GER
3/B

This course examines the grassroots struggle to gain equality and justice in the United States, viewed as a social protest movement, from the perspective of cultural anthropology. The course will focus on the major events, themes and issues of the Civil Rights Movement and examine their effect in challenging the American concept of democracy; in changing those who participated in it; and in spawning other social movements that transformed American society and culture.

prereq: ANTHC 10100 or departmental permission
prereq or coreq: ENG 120
3 hours
3 credits

ANTHC 22500 - Ethnicity and Nationalism
Ethnic and national categories are among the primary ways contemporary humans identify themselves and others, often with violent consequences. This course challenges explanations of such identifications (and conflicts) as "natural" and introduces students to the political, economic, symbolic and affective forces driving ethno-national dynamics.

coreq: ANTHC 10100
3 hrs.
3 cr.

ANTHC 27500 - Reading Ethnographies (W)

GER
3/B

Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
prereq: ANTHC 10100 or perm instr.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

ANTHC 30100 - Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 30600 - Folklore and Myth

GER
3/B

Cultural and psychological functions and symbolic meanings.
3 hours
3 credits

ANTHC 30700 - Anthropology of Religion

Pluralism and Diversity
PD/A
GER
3/B

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
ANTHC 30800 - Human Ecology

Pluralism and Diversity
PD/A
GER
3/B

Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.

prereq: ANTHC 10100 or perm instr.

3 hrs
3 cr.

ANTHC 30900 - Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.

prereq: ANTHC 10100 or perm instr.

3 hrs
3 cr.

ANTHC 31000 - Politics and Power in Anthropological Perspective

Pluralism and Diversity
PD/A
GER
3/B

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.

prereq: ANTHC 10100 or perm instr.

3 hrs
3 cr.

ANTHC 31100 - Anthropology of Art

Pluralism and Diversity
GER 3/B

Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.

3 hrs
3 cr.

ANTHC 31200 - Anthropological Approaches to Sexuality

Pluralism and Diversity
PD/C
GER
3/B
Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.

**prereq:** ANTHC 10100  
3 hrs  
3 cr.

**ANTHC 31300 - Race, Culture, Power**

This course offers an anthropological approach to the study of racial phenomena, including racism, racialization, the formation of racial categories, identities and subjectivities, and anti-racism. The course presents theories of race and power, and highlights the importance of a cultural analysis and a comparative perspective.

**prereq:** ENGL 12000  
**coreq:** ANTHC 10100  
3 hrs  
3 cr.

**ANTHC 31400 - Research Design in Anthropology**

**Pluralism and Diversity**  
GER 3/B  
Introduction to basic principles of research design employed in anthropology.

**prereq:** ANTHC 10100  
3 hrs  
3 cr.

**ANTHC 31500 - Applied Anthropology**

**GER**  
3/B  
Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.

**prereq:** ANTHC 10100 or perm instr.  
3 hrs  
3 cr.

**ANTHC 31800 - History of Anthropological Theory**

**Pluralism and Diversity**  
PD/D  
GER 3/B  
Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.

**prereq:** ANTHC 10100 or perm instr.  
3 hrs  
3 cr.
ANTHC 32000 - Problems in Anthropology

GER
3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.

prereq: perm instr.
3 hrs
3 cr.
offered every sem.

ANTHC 32100 - Women and Globalization

GER
3/B

The situation of women from less developed countries with attention to the local and global forces shaping their lives. Topics include migration, the international division of labor and worldwide adoption. Includes both theoretical approaches and practical issues related to improving women's place in society.

cross-listed WGSL 32100

prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 32200 - Family and Household in Anthropology and History

Pluralism and Diversity
PD/C
GER
3/B

Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.

prereq or coreq: ANTHC 10100
3 hrs
3 cr.

ANTHC 32500 - Special Projects and Independent Research in Anthropology

GER
3/B

prereq: perm instr.
3 hrs
3 cr.
offered every sem.

ANTHC 32900 - Politics of Memory
How do groups and societies remember the past, and how and why do monuments and sites of historical memory become part of political processes and cultural struggles in the present? This class explores the role of cultural memory in diverse societies, examining how historical knowledge and other forms of relationship to the past are used to ask and answer questions about power and justice. Examples will include ethnographic accounts of people's shared reflections on their pasts and the traces of the past in the landscape and even in people's bodies.

prereq: ENGL 12000
3 hrs.
3 cr.

ANTHC 33000 - Food and Culture

Food and culture are examined in all their relations, from production to consumption, including how societies vary in their tastes and practices of distinction, how food is used to convey symbolic meanings and display power, and how global societies can meet challenges of scarcity, sustainability, and ethical management across the food system.

prereq: ENGL 12000
3 hrs.
3 cr.

ANTHC 33100 - Grassroots Movements and Social Change

Mass mobilizations — progressive and regressive — have been significant engines of historical transformation. This course examines social scientific theories about social movements and collective action, and case studies of racial, gender and environmental justice, transnational and local, indigenous peoples, and countercultural movements.

coreq: ENGL 12000 and ANTHC 10100
3 hrs.
3 cr.

ANTHC 33200 - East Asia: Societies and Cultures

GER
3/B

Historical and regional variation in various East Asian societies with a focus on political economy, kinship, community and national minorities.

prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 33200 - Medical Anthropology

This course provides an advanced introduction to Medical Anthropology, a vast subfield of Anthropology with many applications in the health sciences and industries. The focus is on how social groups variously experience, act upon and make meaning of health, wellbeing, illness, disease, and healing. The course emphasizes the complexities of health and illness in the context of cultural beliefs and practices, as well as in relation to broader, macro-level processes on both local and global scales.

prereq: ENGL 12000
coreq: ANTHC 10100
3 hrs.
3 cr.
ANTHC 33400 - Latin America: Societies and Cultures

GER
3/B

Changing views of US and Latin American anthropologists on ethnic, class and gender relations, underdevelopment, migration and social movements.
^prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 34500 - Anthropology of Science

This course examines how scientific knowledge is made in laboratories and other venues of scientific practice, while helping students develop critical evaluations of the power and authority of science and understand its role in current social problems. Students will examine scientific practices and notions of objectivity; make comparisons with indigenous, non-Western, and lay knowledge systems; and explore ethical and legal aspects of scientific innovation.
^prereq: ENGL 12000
^coreq: ANTHC 10100 OR ANTHP 10100
3 hrs.
3 cr.

ANTHC 35000 - Popular Culture: Anthropological Perspectives

GER
3/B

The comparative ethnographic and theoretical study of popular and expressive culture traditions from around the world.
^prereq: ANTHC 10100, ENGL 12000, or perm instr.
3 hrs
3 cr.

ANTHC 35500 - Law, Justice, Reconciliation

An examination of how people pursue justice and reconciliation between perpetrators and victims after major wars, political violence, or colonialism, with particular attention to the uses of law in these processes, and the wider problems of attaining redress for deep historical wrongs like racism, genocide, and slavery.
^prereq: ENGL 12000
3 hrs.
3 cr.

ANTHC 40000 - Honors Projects

^prereq: perm chair
offered every sem.

ANTHC 40100 - Seminars in Selected Topics

Topics TBA.
ANTHC 40196 - International Migration

3 hrs
3 cr.

ANTHC 15100 - Introduction to Linguistics

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr.

ANTHC 26000 - North American Indian Languages and Cultures

GER
3/B

Linguistic analysis and sociocultural background of North American Indian languages.
3 hrs
3 cr.

ANTHC 26300 - Afro-New World Languages and Cultures

GER
3/B

Linguistic analysis, history, sociocultural background of Caribbean creole languages, other Afro-American speech forms.
3 hrs
3 cr.

ANTHC 32076 - Language, Sex and Gender

Pluralism and Diversity
PD/C
GER
3B

cross-listed WSGA 300.53
prereq: ANTHC 15100 or permission from instructor and or department
3 hrs
3 cr.

ANTHC 35100 - Language in Culture and Society
GER
3/B
Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.
3 hrs
3 cr.

ANTHC 35300 - Phonological Analysis and Theory

GER
3/B
Phonetics of diverse languages, their phonemic analysis at different levels of theory, including distinctive feature analysis and phonological links to grammar.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr.

ANTHC 35400 - Grammatical Analysis and Theory

GER
3/B
Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.
prereq: ANTHC 15100 or equiv.
3 hrs
3 cr.

ANTHC 31600 - Quantitative Methods in Anthropology

GER
3/B
Statistics and data analysis techniques for anthropological research.

ANTHC 31700 - Field Methods in Cultural Anthropology

GER
3/B

ARB 10100 - Beginning Arabic I

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students’ understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking “about” the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.
This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Language Proficiency Requirement

**ARB 10200 - Beginning Arabic II**

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.

*prereq: ARB 10100 or permission of Head of Arabic Program.*

3 hrs

3 cr.

**ARB 14800 - Beginning Arabic for Heritage Speakers**

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

*prereq: perm of division head*

3 hrs

3 cr.

**ARB 14900 - Spoken Egyptian Arabic**

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic.

*prereq: ARB 10200 and permission of instructor*

3 hours

3 credits

**ARB 15000 - Introduction to Modern Arab Cultures**

*Hunter Core*

World Cultures and Global Issues (WCGI)

*Pluralism and Diversity*

P/D A

This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs

3 cr.
ARB 20000 - Topics in Arabic Literature and Culture

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

prereq: ENGL 12000 or equivalent
3 hrs.
3 cr.

ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

prereq: ARB 10200 or equiv.
3 hrs
3 cr.

ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.

prereq: ARB 20100 or equiv.
3 hrs
3 cr.

ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: ARB 14800 or Arabic Program head's permission
3 hrs
3 cr.

ARB 24900 - Special Topics in Arabic Dialects

The goal of this course is to teach students oral communication in spoken Arabic, as well as to impart cultural knowledge relevant to a student living in or visiting the Arab World. This course is closed to native speakers and heritage learners of Arabic. The dialect taught in this course will depend on student demand and the instructor.

prereq: ARB 20200
3 hrs
3 cr.

ARB 25000 - The Arab Novel (in translation) (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

**prereq:** ENG 22000 or equiv.

3 hrs

3 cr.

**ARB 25100 - Arab Cinema (in translation)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 credits

**ARB 25200 - Literatures from the Islamic World (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 credits

**ARB 25300 - Literatures and Cultures of Muslim Spain (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 credits

**ARB 25400 - The Arabian Nights East and West (W)**
The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.

**ARB 25500 - Modern Palestinian Culture**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.

3 hrs
3 cr.

**ARB 25600 - Modern Arab Theatre**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A

Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.

3 hrs
3 cr.

**ARB 25700 - Language and Culture in Contemporary North Africa**

**Pluralism and Diversity**
P/D A
**GER**
World Cultures and Global Issues (WCGI)

North Africa (Maghreb) is often described as a crossroads of many cultures - Arab, Berber, African, European, and others. Over the course of this semester, we will discuss important issues facing this region, including democratic reform efforts both before and following the Arab spring, Berber language movements and other language debates, colonial and post-colonial struggles, and social and cultural debates surrounding gender and religion. Through readings of key literary, historical, political, and cultural texts, as well as viewing important documentary and fictional film productions, we will examine this fascinating region from multiple vantage points.
prereq: ENGL 12000
3 hrs
3 cr.

ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.
3 hours
3 credits

ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic

prereq: ARB 20200 or equiv.
3 hrs
3 cr.

ARB 30200 - Advanced Arabic II

Continuation of ARB 30100

prereq: ARB 30100 or equiv.
3 hrs
3 cr.

ARB 40100 - Focused Arabic Study for Advanced Students

Pluralism and Diversity
P/D A

A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

prereq: ARB 30200
3 hrs
3 cr.

ARB 49000 - The Arabic Senior Capstone

This capstone course is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project in Arabic. Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival surveys; annotated bibliographies; live and/or recorded artistic performances; exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications. The final project will evaluated mainly on the basis of the level, range, and linguistic accuracy of the Arabic that is used in it.
**ARB 49801, 49802, 49803 - Internship in Arab Studies**

**Pluralism and Diversity**

PD/A

This course will give students real-world experience with Arab/Middle East-related organizations where they can apply their academic and linguistic experience, interact with and serve Arab communities, expand their professional network, and develop skills relevant to future professional jobs. This course may be taken for a maximum total of 6 credits.

**prereq:** Departmental permission

1-3

**CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)**

**Hunter Core**

World Culture and Global Issues (WCGI)

**GER**

2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

**prereq:** ENGL 12000

3 hrs

3 cr.

**CLARC 22000 - Aegean Archaeology (W)**

**Pluralism and Diversity**

PD/D

**GER**

3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.

**prereq:** ENGL 12000, CLARC 20400

3 hrs

3 cr.

**CLARC 22100 - Greek Archaeology (W)**

**Pluralism and Diversity**

PD/D

**GER**

3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.

**prereq:** ENGL 12000; CLARC 20400
3 hrs
3 cr.

CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity
PD/D
GER
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.

prereq: ENGL 12000; CLARC 20300 or CLARC 20400
3 hrs
3 cr.
fall only

CLARC 22300 - Roman Archaeology II: The Archaeology of the Roman Empire

The Mediterranean world under the Roman Empire: capital city of Rome and the provinces; architecture, painting, sculpture, Pompeii and daily life.

prereq: ENGL 12000; CLARC 20300 or CLARC 20400
3 hrs
3 cr.

CLARC 23000 - Field Seminar in Archaeology

Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school. Open only to majors who have completed ENGL 12000 and CLARC 20400.

prereq: ENGL 12000, CLARC 20400. Open to majors only; with permission of dept.
1-6 hrs
1-6 cr.

CLARC 32100 - Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32200 - Archaeology of Mesopotamia and Iran (W)
Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

*prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

*prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32400 - Archaeology of Western Mediterranean

Ancient Sicily, Sardinia, Malta, Spain, and Italy, chiefly in Bronze Age. Main sites and cultures.

*prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32500 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.

*prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary.

*prereq: ENGL 12000; CLARC 20400 and one other CLARC course
3 hrs
3 cr.

**ARTH 11100 - Introduction to History of Art**

**Hunter Core**
Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**
PD/D
GER
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr.

**ARTH 20500 - Egyptian Art**

**Pluralism and Diversity**
PD/A
GER
3/A

Geographical, historical and social conditions of the Nile. Influence of Egyptian art.

*prereq: ARTH 11100*

*prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.*

3 hrs
3 cr.

**ARTH 21500 - Greek Art**

**Pluralism and Diversity**
PD/D
GER
3/A

Sculpture and painting from the geometric period to the Hellenistic (ca. 750-100 BC). Emphasis on architectural sculpture, monumental free-standing sculpture and vase painting, in their stylistic and narrative contexts

*prereq: ARTH 11100*

3 hrs
3 cr.

**ARTH 21600 - Roman Art**

**Pluralism and Diversity**
PD/D
GER
3/A

Roman sculpture and painting from Republican period to Age of Constantine (ca. 100 BC-315 AD). Emphasis on
historical reliefs, portraits and wall painting.

prereq: MATH 11100
3 hrs
3 cr.

**ARTH 21900 - American Art, 1900-1950**

Survey of major figures, movements, and episodes in American art in the first half of the twentieth century, with attention to artistic practices and the social, historical, and political contexts that gave rise to them.

prereq: MATH 11100
3 hrs
3 cr.

**ARTH 22000 - Early Medieval Art**

GER 3/A

Sculpture, painting, mosaics and minor arts in West from dissolution of Roman Empire through Carolingian revival, including early Christian and Byzantine art.

prereq: MATH 11100
3 hrs
3 cr.

**ARTH 22100 - Later Medieval Art**

Pluralism and Diversity
PD/D
GER 3/A

Ottonian, Romanesque and Gothic art; architecture, sculpture, painting and minor arts.

prereq: MATH 11100
3 hrs
3 cr.

**ARTH 22500 - Art of Early Renaissance**

Pluralism and Diversity
PD/D
GER 3/A

Painting, sculpture and related architecture in 14th- and 15th-century Italy. Major artists from Giotto to Botticelli.

prereq: MATH 11100
3 hrs
3 cr.

**ARTH 22700 - Northern Renaissance Art**
Northern European art from the 14th-16th centuries with emphasis on early Netherlandish painting including Jan van Eyck, and later masters including Dürer, Bosch and Bruegel.

**prereq:** ARTH 11100

3 hrs

3 cr.

**ARTH 23000 - Art of High Renaissance and Later 16th Century in Italy**

Sculpture and painting of 16th-century Italy. Emphasis on Leonardo, Raphael, Michelangelo and Titian.

**prereq:** ARTH 11100

3 hrs

3 cr.

offered spring

**ARTH 23500 - Southern Baroque Art**

Sculpture, painting of 17th-century Italy, France, Spain: Carracci, Caravaggio, Reni, Bernini; Ribera, Velasquez, Zurbaran, Murillo; Poussin, Claude Lorrain.

**prereq:** ARTH 11100

3 hrs

3 cr.

**ARTH 23700 - Art and Architecture in Colonial Latin America**

Art in Latin America from 1521-1821

**prereq or coreq:** ARTH 11100

3 hrs.

3 cr.

**ARTH 24000 - Baroque Art of Northern Europe**

Sculpture and painting in 17th-century Flanders, Holland and England. Rubens, Van Dyck, Rembrandt; landscape.
prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24300 - Eighteenth-Century Art

Pluralism and Diversity
PD/D
GER
3/A

European painting and sculpture; Watteau, Fragonard and Houdon in France, Hogarth and Reynolds in England, Tiepolo in Italy.
prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24400 - Neo-Classicism and Romanticism: the Age of Revolution, 1789-1848

Pluralism and Diversity
PD/D
GER
3/A

Neo-classicism and romanticism in France, Germany, England, Spain. David, Ingres, Delacroix; Friedrich, Runge, the Nazarenes; Blake, Reynolds, Constable; Goya.
prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24500 - Issues in 19th-Century French Painting: Realism, Impressionism and Post-Impressionism/Symbolism (1850-1910)

Pluralism and Diversity
PD/D
GER
3/A

Impressionists and post-Impressionists within a European context: Courbet, Manet, Monet, Canne, Van Gogh, Gauguin, Munch.
prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24600 - American Art 1760-1900

Pluralism and Diversity
PD/D
GER
3/A

American art beginning with the Colonial period and including West, Copley, the Peales, Cole and the Hudson River
School, the Luminists, Homer and Eakins.
prereq: ARTH 11100
3 hrs
3 cr.
offered fall

**ARTH 24700 - Modern Art in Latin American (until c. 1945)**

Modern Art in Latin America until c. 1945
prereq: ARTH 11100
3 hrs.
3 cr.

**ARTH 24900 - Twentieth-Century Art I**

Pluralism and Diversity
PD/D
GER
3/A

Western art to World War II.
prereq: ARTH 11100
3 hrs
3 cr.

**ARTH 25000 - Twentieth-Century Art II**

Pluralism and Diversity
PD/D
GER
3/A

Western art from World War II to approximately 1980.
prereq: ARTH 11100
3 hrs
3 cr.

**ARTH 25100 - Contemporary Art**

GER
3/B

Significant international artists and art works of the past twenty years, as well as recent developments in art theory and criticism.
prereq: ARTH 11100
3 hrs
3 cr.

**ARTH 25200 - Ancient Architecture**
GER
3/A

Major architectural styles with emphasis on Greece and Rome. Technical, cultural and aesthetic significance of the monuments.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 25300 - Medieval Architecture

Pluralism and Diversity
PD/D
GER
3/A

Major styles and buildings in West from ancient world through Middle Ages; technical, cultural and aesthetic significance.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 25400 - Architecture: Renaissance to Neo-Classical

Pluralism and Diversity
PD/D
GER
3/A

Architecture in West from Renaissance through the 19th century; baroque, rococo and neoclassical styles.

ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61-credit BFA program. It may not be credited toward art history major requirements.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 25500 - Modern Architecture I (1850-1950)

Pluralism and Diversity
PD/D
GER
3/A

Survey of western architecture from 1850 to 1950, emphasizing the wide range of theoretical, formal, and technological aspects of architectural practice during this period.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 25600 - Modern Architecture II (from 1950 until today)
Survey of western architecture since 1950, examining the diversification of modern architectural practice, its increasing global reach and regional variations, with an emphasis on emerging architectural theories.

**ARTH 25700 - Postwar and Contemporary Art in Latin America**

Art in Latin America from c. 1945 to the present

**ARTH 26000 - Islamic Art and Architecture**

**ARTH 26200 - Art of East Asia: Ritual and Religion**

**ARTH 26300 - Art of East Asia: Painting and Calligraphy**

**ARTH 27000 - Art of Africa and Oceania**
Survey of African art; function, subjects, forms and styles of the arts in the cultural contexts.

**ARTH 28000 - History of Photography**

An historical survey of photography between 1839 and the present day with a focus on the visual revolution provoked by this new medium of representation and on photography's creative expression. The course is organized chronologically from the beginnings of photography, in 1839, to our time. It gives full exposure to the main technologies of photography in the nineteenth-century, as they became accessible to a large public and introduced new aesthetics in portraiture, urban landscapes, and the representation of distant geographies. This history continues in the twentieth-century, when photography became more experimental and sought its own artistic autonomy. The course surveys chronologically the key moments at which photography reached the status of art, was used as social document, and fulfilled a wide social need. The dialogue between contemporary art and photography is brought to the present, exploring the strategies by which digital art is challenging the idea of photography as truthful representation of the world.

**ARTH 30000 - Research Methods of Art History Seminar (W)**

Training in fundamental methods of learning and writing about work of art through visual analysis and arthistorical research, focusing on a particular area in art history, and culminating in a substantial academic research paper. This course is for Art History majors and minors and Studio Art majors only.

**ARTH 31100 - Special Topics Lecture in Ancient Art (W)**

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
ARHT 32100 - Special Topics Lecture in Medieval Art (W)

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ARTH 11100 and two 200-level art history courses
3 hrs
3 cr.

ARHT 33100 - Special Topics Lecture in Renaissance Art (W)

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ARTH 11100 and two 200-level art history courses
3 hrs
3 cr.

ARHT 34100 - Special Topics Lecture in Baroque Art (W)

Pluralism and Diversity
P/D D
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

ARHT 35100 - Special Topics Lecture in Modern Art (W)

GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.
ARTH 36100 - Special Topics Lecture in Islamic Art (W)

Pluralism and Diversity
P/D A
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

ARTH 37100 - Special Topics Lecture in Asian Art (W)

Pluralism and Diversity
P/D A
GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ART 11100 and two 200-level art history courses
3 hrs
3 cr.

ARTH 38100 - Special Topics Lecture in Art History (W)

GER
3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ARTH 11100 and two 200-level courses
3 hrs
3 cr.

ARTH 40200 - Independent Study in Art History

GER
3/A

ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61-credit BFA program. It may not be credited toward art history major requirements.

prereq: perm instr.
3 hrs
3 cr.
**ARTH 41000 - Advanced Studies Seminar in Ancient Art (W)**

**Pluralism and Diversity**  
P/D D  
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.  
*prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.*  
3 hrs  
3 cr.

**ARTH 42000 - Advanced Studies Seminar in Medieval Art**

**Pluralism and Diversity**  
P/D D  
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.  
*prereq: ARTH 300 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.*  
3 hrs  
3 cr.

**ARTH 43000 - Advanced Studies Seminar in Renaissance Art (W)**

**Pluralism and Diversity**  
P/D D  
Upper-level seminar; check Department website each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.  
*prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.*  
3 hrs  
3 cr.

**ARTH 44000 - Advanced Studies Seminar in Baroque Art (W)**

**Pluralism and Diversity**  
P/D D  
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.  
*prereq: ARTH 30000 and two 200-level art history courses. This course is for Art History majors and minors and Studio Art majors only.*  
3 hrs  
3 cr.

**ARTH 45000 - Advanced Studies Seminar in Modern Art (W)**

Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.
**ARTH 30000**

prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.

3 hrs
3 cr.

**ARTH 46000 - Advanced Studies Seminar in Islamic Art (W)**

Pluralism and Diversity
P/D A
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTH 30000 and two 200-level art history courses. Art History majors and minors and Studio Art majors.

3 hrs
3 cr.

**ARTH 47000 - Advanced Studies Seminar in Asian Art (W)**

Pluralism and Diversity
P/D A
Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.

3 hrs
3 cr.

**ARTH 48000 - Advanced Studies Seminar in Art History (W)**

Upper-level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.

3 hrs
3 cr.

**ARTH 49800 - Internship**

GER
3/A

Qualified undergraduates work for academic credit in professional and community art institutions. Students must also contact and apply at the internship office, where all college-approved internships are listed. The credits earned cannot be used to fulfill the 24-credit major requirement. Three credits may be applied to the 42-credit major. A maximum of six art history Inservice credits may be applied to the degree. ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61-credit BFA program. It may not be
credited toward art history major requirements.

**prereq:** perm dept. adviser
hrs TBA
(1-6) cr

**ARTCR 22100 - Drawing**

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.
Material Fee: $50
**prereq:** ARTLA 20100
4 hrs
3 cr. + 5 hrs open studio

**ARTCR 22500 - Printmaking**

Techniques of woodcut, intaglio, lithography, silkscreen and related media.
Material Fee: $75
**prereq:** ARTLA 20100
4 hrs + 5 hrs open studio
3 cr.

**ARTCR 23500 - Painting**

Basic principles of painting. Studio practice using varied paint media, varied paint surfaces, paper and canvas.
Material Fee: $100
**prereq:** ARTLA 20100
4 hrs
3 cr. + 5 hrs open studio

**ARTCR 24000 - Watercolor Painting**

Basic principles of watercolor painting.
Material Fee: $100
**prereq:** ARTLA 20100
4 hrs
3 cr. + 5 hrs open studio

**ARTCR 25100 - Sculpture**

Basic principles of sculpture. Studio practice in varied materials.
Material Fee: $70
**prereq:** ARTLA 20100
4 hrs
3 cr. + 5 hrs open studio

**ARTCR 25700 - Ceramics**

Introduction to pottery and ceramic sculpture, including hand forming, throwing on the wheel, glazing and kiln operation.
Material Fee: $95
prereq: ARTLA 20100
4 hrs
3 cr. + 5 hrs open studio

**ARTCR 27100 - Principles of Photography**

Black and white photography as creative medium; camera and its functions; exposure and film development, contact printing and enlarging.
Material Fee: $75
prereq: ARTLA 20100
4 hrs
3 cr. + 6 hrs open studio

**ARTCR 29000 - New Genres**

An introduction to New Genres, including video art, sound art, conceptual art, performance, installation and other media based arts. Skills and tools explored in this course include the use of digital technologies, recording equipment, editing methods, work flow and output requirements as well as the ideation of conceptual projects.

Material fee: $40.00
prereq: ARTLA 20100
4 hrs + 5 hrs open studio
3 cr.

**ARTCR 32200 - Advanced Drawing**

Continued experience in drawing with emphasis on drawing from life.
Material Fee: $50
prereq: ARTLA 20100
4 hrs
3 cr. + 5 hrs open studio

**ARTCR 32600 - Advanced Printmaking**

Advanced study of one or more printmaking methods. Individual exploration emphasized. May be taken twice for credit.

Material Fee: $85
prereq: ARTLA 20100, ARTCR 22500
4 hrs
3 cr.

**ARTCR 33600 - Advanced Painting**

Continued experience in painting with possible concentration upon one medium and theme. Individual exploration emphasized.
Material Fee: $100
prereq: ARTLA 20100
4 hrs
3 cr. + 5 hrs open studio
ARTCR 35200 - Advanced Sculpture

Continued experience in sculpture with possible concentration in one material. Individual exploration emphasized. Material Fee: $70

prereq: ARTLA 20100
4 hrs
3 cr. + 5 hrs open studio

ARTCR 35700 - Advanced Ceramics

Continued experimentation in form, surface and techniques. Individual exploration emphasized. Material Fee: $95

prereq: ARTLA 20100
4 hrs
3 cr. + 5 hrs open studio

ARTCR 36000 - Special Topics

Topics in studio art are announced prior to registration each term. One Special Topics course may be taken to meet concentration requirements in the 42 credit degree. Material Fee: $50

prereq: ARTLA 20100
3 hrs + 5 hrs open studio
3 cr.

ARTCR 37200 - Advanced Photography

Techniques and aesthetics of black and white photography; self-expression and exploration; classroom critiques. Material Fee: $75

prereq: ARTLA 20100
3 hrs
3 cr. + 6 hrs open studio

ARTCR 38200 - Digital Photography

Digital Photography as a means of personal expression. This course is designed to familiarize students with digital imaging capabilities and a critical awareness of how images in our culture are produced and constructed. The course will introduce and explore the aesthetic, historical, and conceptual layers embedded in digital images and their context, culminating in the student completing a portfolio of work by the end of the course, in which form, subject, and meaning are closely considered. Students will acquire the means to interpret, discuss and critique photographs. This course can be repeated once for credit. Material fee: $100.00

prereq: ARTLA 20100 or (ARTLA 10100 and ARTCR 22100) and ARTCR 27100
3 cr.

ARTCR 39000 - Advanced New Genres
Continued experience in New Genres methods and tools in order to develop each student's unique process, with possible concentration in one approach and/or method. Individual exploration will be emphasized, as well as a greater mastery of equipment and programs. May be repeated once (i.e., taken twice).

Material fee: $40.00

prereq: ARTLA 20100, ARTCR 29000

4 hrs + 5 hrs open studio

3 cr.

**ARTCR 40200 - Independent Study in Studio Art**

prereq: ARTLA 20100

1-3 hrs

1-3 cr. per semester

**ARTCR 40500 - Art and Current Ideas II**

Lecture and discussion; a non-studio course. Topics of concern in art today as brought forth by current exhibitions. Scheduled trips to galleries and museums. Reading assignments, papers and oral reports focus on issues relative to the exhibitions.

prereq: ARTLA 20100

3 hrs

3 cr.

**ARTCR 45900 - Professional Experience in Art I**

BFA majors, seniors only. Not credited toward BA degree. Advanced projects may include activities outside the college, as well as within the department.

Material Fee: $50

prereq: Admission into the BFA Program

4 hrs

6.5 cr.

**ARTCR 46000 - Professional Experience in Art II**

Continuation of ARTCR 45900.

Material Fee: $50

prereq: Admission into the BFA Program

4 hrs

6.5 cr.

**ARTLA 20100 - Art Foundations: Seeing, Thinking, Making**

This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

Material fee: $25.00

4 hrs.

3 cr.
ARTLA 20200 - Art Foundations: Methods and Techniques

ARTLA 20200 is the second part of the foundation-year course requirement for 42-credit BA and BFA art majors. This class is open to any student who has taken ARTLA 20100 or the equivalent. The class will be taught by one instructor who will introduce the student to the fundamental skills of drawing, sculptural methods, new genres technologies. Museum/gallery visits, and written analysis of exhibitions will be assigned to help build an understanding of how skill and technique are implemented in the conceptual creation of art. This is a baseline course, and will facilitate learning as the student progresses to one of our study areas of Painting, Sculpture, New Genres, Ceramics, Drawing or Printmaking.

prereq: ARTLA 20100
4 (+ 5 hrs independent studio)
3 cr.

ARTLA 40600 - 2D/3D/4D Capstone Seminar

This advanced seminar is intended to offer students a frame of reference for making and thinking about art beyond the specific concerns of any given medium or the specific assignments that structure most undergraduate studio courses. The main purpose of this seminar is to help students develop their creative interests beyond assignment-based instruction to their own, entirely self-defined and motivated creative work. For this purpose, students choose to work in the medium or mediums that best further their ideas.

prereq or coreq: 30 ARTCR credits and 6 ARTH credits
3 (+ 5 hrs independent studio)
3 cr.

ARTLA 49800 - Internship in the Visual Arts

Qualified undergraduates work for academic credit in professional and community art institutions.

prereq: ARTLA 20100
1-6 hrs
1-6 crs.

ARTCR 30100 - Advanced Studio

Student projects with emphasis on contemporary methods such as video, film, tape, conceptual art, environmental art, earth art.
Material Fee: $40
prereq: ARTLA 20100
3 hrs
3 cr. + 5 hrs open studio

ARTLA 10100 - Introduction to Study of Visual Experience

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.
Material Fee: $25
6 hrs
3 cr. + 3 cr. hrs open studio

ARTLA 36018 - 2-D, 3-D,4-D Seminar
prereq: ARTLA 20100
3 hrs.
3 cr.

ASIAN 21000 - Asians in the U.S.

Hunter Core
I&S H
Pluralism and Diversity
PD/B
Critical interdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order.
Recommended for but not required of AASP Minors.
3 hrs
3 cr.

ASIAN 22001 - Asian American Women Writers

Pluralism and Diversity
PD/B or C
Critical examination of Asian American women's identity formations in relation to factors such as racial ideology, global migrations of labor and capital, class status, sexuality, military conflict, constructions of family, and language.

3 hrs
3 cr.

ASIAN 22012 - Asian American Literature

Pluralism and Diversity
PD/B or C
Critical examination of literary texts by Asians in the U.S. and western diaspora, tracing Asian American literary production in order to understand how these literatures are a formative site to engage in intersectional analyses of constructions of history, citizenship, and identity.

3 hrs
3 cr.

ASIAN 22004 - Arab American Literature

Pluralism and Diversity
PD/B
Critical examination of a cross-section of literature and film/video/performance by Arab American writers and artists in an interdisciplinary investigation of the historical and contemporary experiences of Arab Americans in the United States and western diaspora.

3 hrs
3 cr.

ASIAN 22005 - South Asian Women's Literature (W)
Pluralism and Diversity
PD/B or C
Close examination of literary, historical, and theoretical texts with a focus on the cultural production and social movements of South Asian women, with particular attention to how issues of race and nationalism are shaped and how they have overlapped with gender, class, sexuality, religion, and language.
3 hrs
3 cr.

ASIAN 22006 - Filipino American Literature (W)

Pluralism and Diversity
PD/B
Close examination of the historical and social contexts in which Philippine-American literature has evolved, the diverse aesthetics and themes of individual writers, and analysis of how issues of Philippine-American cultural production takes up issues of gender, class, sexuality, religion, language, and national identity.
3 hrs
3 cr.

ASIAN 22009 - Gender and Genre in Asian American Literature and Film

Pluralism and Diversity
PD/B, PD/C
Critical exploration of the social construction of Asian American identity in various genres: video art, prose, poetry, memoir, performance, and film. The emphasis of the course is on intersectional analyses that critically examine how race, gender, class, and sexuality inform Asian American artists' decisions regarding form and genre.
3 hrs
3 cr.

ASIAN 22100 - Introduction to Writing About Asian American Literature (W)

Hunter Core
English Composition (EC)
This course emphasizes close reading of and analytical writing about writing by Asian American writers. ASIAN 221 develops students' critical and interpretive skills necessary for meaningful written and verbal responses to literature in the context of Asian American history and experience.
prereq: ENGL 12000
3 hrs
3 cr.

ASIAN 22500 - Asian American Art (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
P&D B
Introduction to Asian American artistic production through a survey of Asian American art and theory, including critical examinations of Asian American identity formation; transnationalism; constructions of race, gender, sexuality, class; and alternative artistic strategies.
prereq: ENGL 12000
3 hrs
3 cr.

ASIAN 32001 - Nation, Self, and Asian Identity

Pluralism and Diversity
PD/B
Critical examination of literary constructions of Asian American identity in relation to the U.S. nation-state, with particular emphasis placed upon juridical constructions of citizenship, community, and belonging.
3 hrs
3 cr.

ASIAN 32005 - Asian American Memoir

Pluralism and Diversity
PD/B
Close examination of memory as an imagined and contested site that complicates and challenges how we constitute self and other. Students will analyze constructions of identity through Asian American narratives, and their relation to language, form and experience, including immigration and gendered narratives to transnational categories of homeland and belonging.
3 hrs
3 cr.

ASIAN 32100 - Asian American Social Protest Literature

Pluralism and Diversity
PD/B
Deconstruction and examination of historical and contemporary Asian American literatures of social protest and resistance. Students utilize readings as a framework for initiating, planning, and executing semester-long community-based projects.
3 hrs
3 cr.

ASIAN 33008 - Muslim Diasporas

Pluralism and Diversity
PD/B
Interdisciplinary course moving through the history of Islam and its expressions in many areas of the world (including Sufism), to the cultural identity, art, and literature of the Muslim Diaspora in the United States, their misrepresentations in the media, and fetishization by popular culture.
3 hrs
3 cr.

ASIAN 34001 - Asian Pacific American Media
Pluralism and Diversity
PD/B
Addresses Asian Pacific American experiences of assimilation, displacement, marginalization, multiculturalism, and resistance to the cultural 'norm' within Asian Pacific communities through screening a wide range of films and videos and reviewing critical and fictional writing. Guest artists may also lecture.
3 hrs
3 cr.

ASIAN 34003 - West Asian American Literature and Film

Pluralism and Diversity
PD/B
Interdisciplinary course that first examines the cultural, linguistic, and religious diversity of West Asia, sometimes called Central Asia and/or the Middle East, to then focus on the literature and film of their diasporic communities in the U.S.

3 hrs
3 cr.

ASIAN 33052 - Oral History, Cultural Identity and the Arts

ASIAN 39006 - Gender and Sexuality in Asian American Literature and Film

ASIAN 39016 - Ethnicity and American English

ASIAN 39018 - Asian American Poetics

ASIAN 46000 - Independent Study

ASIAN 23002 - Asian American Communities and Mental Health

Hunter Core
Individual and Society (Social Sciences) -I&S SS

Pluralism and Diversity
PD/B
Introduction to psychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery.

3 hrs
3 credits

ASIAN 29000 - Asian American Studies Internship

A semester-long course intended to give students practical experience participating in a local or national Asian American-serving organization. The objective of ASIAN 29000 is to train students to transform Asian American Studies scholarship into practice, and to realize the relevance of their classroom training in a broader social context. ASIAN 29000 will be required of students seeking a Certificate in Asian American Studies (pending), and will be recommended for students seeking a minor in Asian American Studies.

prereq: ENGL 12000, ASIAN 210 or equiv.
8-10
3 cr.

**ASIAN 35100 - Asian American History of Labor and Politics**

Pluralism and Diversity  
PD/B  
This seminar explores the interconnected issues of race, class, and nationality through the study of the history of Asian immigrant labor in the U.S. in the context of American economic needs and political environment.

3 hrs  
3 cr.

**ASIAN 39001 - International Migration**

Pluralism and Diversity  
PD/B  
This interdisciplinary course examines the origins and processes of migration and settlement, past and present. Includes a series of lectures by leading scholars from a variety of academic fields and immigrant communities. Topics include: immigration and labor, race and gender, social and cultural identity, immigration policy and political action, and the transnationalization of education and family life.

3 hrs  
3 cr.

**ASIAN 39002 - Asian American Civil Rights and the Law**

Pluralism and Diversity  
PD/B  
Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian Americans.

3 hrs  
3 cr.

**ASIAN 39019 - Asian American Queerness**

Pluralism and Diversity  
PD/B  
Explores the issues, struggles, political organizing, and theory of lesbian, gay, bisexual, transgender (LGBT) Asian Americans, South Asians, Southeast Asians, and Pacific Islanders. Through readings of historical and modern texts, law and public policy, film and video, guest speakers, and field work, students will come to understand the intersection between LGBT identity and racial/ethnic identity.

*prereq: ENGL 12000*  
3 hrs  
3 cr.

**ASIAN 49100 - Asian American Movement and Community Organizations**

Pluralism and Diversity  
PD/B
Semester-long analysis of the development of pan-ethnic Asian American consciousness and institutions since the late 1960s, with a focus on this movement's impact on community organizations of Asian national sub-groups examined in the context of larger American racial and ethnic politics.

3 hrs
3 cr.

**ASIAN 23001 - Globalization and Gender**

Pluralism and Diversity
PD/B
3 hrs
3 cr.

**ASIAN 33001 - Chinese in the U.S.**

**ASIAN 33003 - South Asians in the U.S.**

**ASIAN 39015 - Immigration and the Economy**

3

**ASIAN 46000 - Independent Study**

**ASIAN 49000 - Immigration Policy**

Pluralism and Diversity
PD/B

**ASTRO 10000 - Basic Concepts in Astronomy**

Hunter Core
Scientific World (SW)
GER
2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe.

3 hrs.
3 cr.

**ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises**

GER
2/E with lab

An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from
the Big Bang to the present; future scenarios. The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.

5 hrs
4 cr.

**ASTRO 10200 - Laboratory Explorations in Astronomy**

**Hunter Core**
Life and Physical Sciences (LPS)
GER
2/E

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.

*prereq or coreq: ASTRO 10000*
3 hrs
3 cr.

**ASTRO 10300 - Laboratory Explorations in Astronomy**

This is an introductory, one-semester astronomy course designed for non-science majors. The approach in this course is to emphasize the ideas of Astronomy and a qualitative understanding of the physical processes that shape the Universe via laboratory exercises. Each laboratory exercise is self-contained and accompanied with an introduction discussing the fundamental physical principle and methods used.

*prereq: ASTRO 10000*
3 hr.
3 cr.

**ASTRO 10700 - Laboratory Exercises in Astronomy**

**GER**
2/E

Classroom and online experimental laboratory exercises in astronomy to observe the major features of the night sky, demonstrate the physical basis of astronomical instruments, and experiment with astronomical phenomena. Only offered to students who have previously taken ASTRO 100 which is no longer offered [ASTRO 100 + ASTRO 107 are replaced by ASTRO 10100].

*prereq or coreq: ASTRO 10000*
2 hrs
1 cr.

**ASTRO 18100 - Astronomy of the Solar System**

**ASTRO 18200 - Stellar Astronomy**

**BIOL 10000 (STEM) - Principles of Biology I**
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** CHEM 10200 or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

### BIOL 10200 (STEM) - Principles of Biology II

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

### BIOL 10500 - Introduction to Genome Biology

**Hunter Core**
Life and Physical Sciences (LPS)

A genome is the total genetic content of an organism. Driven by breakthroughs such as the decoding of the first human genome and rapid DNA-sequencing technologies, biomedical sciences are undergoing a rapid and profound transformation into a highly data-intensive field, which requires familiarity with concepts in both biology and computer science. Genome information is revolutionizing virtually all aspects of biology and medicine and will lead to major advances such as more efficient production of renewable energy, better cures for cancers, and longer and healthier life expectancy. This course will introduce genome-sequencing technologies, explore hundreds of genome projects online, and discuss both the benefits and challenges (e.g., ethical and legal) of the genomic revolution to society.

3 hrs.
3 cr.

### BIOL 10700 - The Human Barcode: Biology and Genetics of Personal Identification
Hunter Core

LPS
An introductory lecture/laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by scientists to analyze how DNA or skin can uniquely lead to a person's identification, and the biological concepts behind them. For example, through the topics that are covered, students will learn how biological evidence like fingerprints and DNA is collected, analyzed, and presented as evidence to solve crimes. Students will learn important biological concepts such as DNA, development, and characteristics of body tissues.

3 hrs
3 cr.

BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.

prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100

7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)

4.5 cr.
fall only

BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, excretory, endocrine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.

prereq: BIOL 12000 or equiv.

7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)

4.5 cr.
spring only

BIOL 12500 (STEM) - Human Biology

Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

GER
2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr.
spring only

BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.

Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.

6 hrs
4.5 cr.
fall only

BIOL 16000 - Honors Principles of Biology II

Pluralism and Diversity
PD/C or D
GER
2/E

Physiological systems and their regulation: internal transport, hormones and gas exchange in plants and animals; osmoregulation; motility; nervous, neuroendocrine, immunological and sensory systems; behavior, reproduction and ecology. Students will read reviews of current research in addition to the required text. Guest speakers and class presentations.

Enrollment limited. Core credit awarded only if BIOL 10000 and 16000 are both completed. PD credit awarded only upon completion of BIOL 10000 and 16000.

prereq: grade of B or better in BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
not offered 2014-15

BIOL 17500 - Choreographing Genomics

Hunter Core
Scientific World (SW)

This course uses postmodern dance to model biological processes. It is an introductory biology course for non-majors studies in the biological science of molecular genome information through readings, quantitative assignments, movement exercises and artistic lenses. Students explore a detailed examination of heredity and cancer with a focus on contributions of DNA. Students are expected to articulate gene information flow through problem solving, written assignments, oral contributions, and movement forms. Topics covered include the definition of a gene, recombination of genes, the central dogma of genetic flow in a biological system, the 1:1 Pair Rule ( Chargaff's rules), DNA sequencing, functional genomics and the relationships of genes to cancer and heredity, as well as ethical issues in medicine.

Each student is in charge of their own body and must recognize that they will have to use their body for assignments
and in class participation work. Students will be required to talk and move in class (comfortable clothes, flat shoes or bare feet, and a yoga mat are required). Students will have reflective assignments that include written work. Students will be required to develop visual and movement-based models.

*prereq: MATH 10100 or MATH 101EN
3 hrs
3 cr.
*spring only

**BIOL 20300 - Molecular Biology and Genetics**

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

*prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100) coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
*spring only

**BIOL 21000 - Introduction to Research Technology**

This course is designed to provide practical experience and background information to students prior to their entry into an experimental research project in a faculty laboratory.

*prereq: BIOL 10000 or permission of Instructor
2 hrs
2 cr.
*summer

**BIOL 23000 - Fundamentals of Microbiology**

**GER**

3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program. Not accepted for credit toward the biology Major I.

*prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
*spring only

**BIOL 23100 - Survey of Microbiology with Case Studies**
BIO 23100 utilizes the survey of microbial world content by adding case studies that will be investigated and discussed. Does not substitute BIOL 230 for Nursing Students.

**prereq:** BIOL 10200, CHEM 10400

3 hrs (2 hour lecture; 1 hour discussion)

3 cr.

**BIOL 24000 - Biodiversity and Evolution**

This course is designed to prepare primary and secondary science educators to examine essential questions in the life sciences through the use of resources at the American Museum of Natural History.

**prereq:** BIOL 10000, 10200 and 21000, or permission of instructor

2 hrs

2 cr.

summer

**BIOL 25000 - Current Topics in the Biosciences (W)**

**GER**

3/B

Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political and ethical issues associated with each topic. This course will also examine how government agencies (e.g. FDA, USDA, EPA) use science to form public policy.

**prereq or coreq:** ENGL 12000 or equiv, and 2 sems intro lab science or equiv, or perm instr

3 hrs

3 cr.

fall only

**BIOL 27000 - Introduction to Neuroscience**

This is a one-term introductory lecture course. The main focus is to provide an understanding of the principles underlying the function of the nervous system while comprehending certain experimental procedures that have led to this knowledge. In the first part of the course, the cellular and molecular mechanisms that regulate the activity of individual neurons will be discussed. Then, based on model systems, we will examine how neurons are assembled in networks to give rise to sensation and function. Finally, topics related to the development, maintenance, and plasticity of these networks will be covered. *Accepted for credit toward the Biology Major.*

**prereq:** BIOL 10000 and BIOL 10200

3 hrs

3 cr.

**BIOL 30000 - Biological Chemistry**

**GER**

3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques
in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

**BIOL 30100 - Biological Chemistry**

Not accepted for credit toward the Biology major and is recommended for post-bacs who need a one semester course, but do not need a lab and recitation. Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in molecular biology.

coreq: CHEM 22200
3 hrs
3 cr.

**BIOL 30300 - Cell Biology**

This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5. Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

**BIOL 30400 - Environmental Microbiology**

GER
3/B

Role of microorganisms in normal and polluted environments: bioremediation, waste and water treatment, heavy metals, nutrient cycles, microbes as a food source, algal toxins, microbial pesticides, microbial indicators of mutagens and pollutants, microbial leaching of ores.
prereq: BIOL 10000, 10200, 20000 or perm instr.
3 hrs
3 cr.
BIOL 30600 - Developmental Biology

GER
3/B

Major topics include molecular and cellular mechanisms of early embryonic development in amphibians, mammals and model organisms such as Drosophila, as well as the related subjects of vertebrate organ system development, biology of stem cells and animal cloning. Emphasis is placed on seminal and current research in cell-cell communication, signal transduction and differential gene regulation in developmental processes.

prereq: BIOL 30000
3 hrs (lec)
3 cr.
fall only

BIOL 35000 - The Biology of Cancer

GER
3/B

When a normal cell becomes a cancer cell there are genetic changes that occur that alter the biology of the cell such that it behaves independent of its neighbors. This course will investigate the altered biology of cancer cells that lead to uncontrolled proliferation and cancer. Topics include: cell culture, the cell cycle, hormones, receptors, intracellular signal transduction, oncogenes, tumor suppressor genes, apoptosis, metastasis, and the etiology of human cancer.

prereq: BIOL 20000, 30000, or perm instr.
3 hrs (lec)
3 cr.

BIOL 36000 - Cellular and Molecular Immunology

GER
3/B

Study of the immune system from a molecular perspective. Molecular genetics of antibody and T cell receptor diversity, hematopoiesis and lymphocyte development, humoral and cellular immunity, histocompatibility.

prereq or coreq: BIOL 30000, perm instr.
4 hrs (3 lec, 1 disc)
3.5 cr.
spring only

BIOL 37000 - Physiology of the Nervous System

GER
3/B

A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.

prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr.
spring only

BIOL 37100 - Special Topics in Experimental Biology

This course is designed to further the understanding of a broad range of topics in biology. This is an interactive lecture course where students are initially taught tools used in any area of experimental biology. Students are then taught how to use these tools to study any subject matter (e.g.: cancer, neurobiology, molecular biology). Undergraduate students are required to design experiments during discussion periods and critically assess the negative and positive outcomes of an experimental design. Undergraduate-degree students seeking to pursue further graduate studies will greatly benefit and are highly encouraged to enroll.

Accepted for credit toward the Biology Major.
prereq: BIOL 20300
3 hrs
3 cr.

BIOL 37500 - Molecular Evolution

GER
3/B

An overview of the various methods and kinds of data used in systematics, the study of organism diversity and biological relationships. Emphasis is on modern molecular and genetic approaches to identification of individual species and strains and full phylogenetic analyses of suites of species to determine their evolutionary history. The knowledge base is provided for experimental investigation of questions of current interest in phylogeny and population biology.
prereq: BIOL 30000 or perm instr.
3 hrs
3 cr.

BIOL 37600 - Endocrinology

GER
3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.
prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

BIOL 38000 - Molecular Neurobiology

GER
3/B

Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.
prereq: BIOL 30000 or perm instr.
3 lec hrs
BIOL 39000 - Laboratory in Cell Structure

GER
3/B

Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.

prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr.
fall only

BIOL 39100 - Laboratory in Cell Structure -- Biological Electron Microscopy

The students will learn basic concepts of transmission electron microscope, principles of biological sample preparation for transmission electron microscopy, various electron microscopy applications, to be familiar with the morphology of different organelles inside the mammalian cell, and understand the functions of each organelle.

Lab projects involve: (1) perfusion fixation of mouse tissues; (2) routine transmission electron microscopy sample preparation; (3) techniques and tools used for microtomy; (4) transmission electron microscope alignment; and (5) imaging various cellular ultra-structures using a transmission electron microscope.

prereq or coreq: Instructor Permission
7 hrs.
4 cr.
spring only

BIOL 42500 - Computational Molecular Biology

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.

Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

BIOL 45000 - Individual Tutorial in Biology

GER
3/B
May be taken only once. Research paper written under the direction of a full-time faculty member in department of biological sciences.

**prereq:** 18 credits in biology, approval of adviser in addition to the sponsor
1-2 cr.

**BIOL 46000 - Introduction to Planning and Teaching of Laboratory Work in Biology**

**GER**
3/B

Participation in discussions and assisting in the teaching of laboratories in an introductory course, or peer mentoring in the undergraduate biological sciences research techniques facility.

**prereq:** 16 credits in BIOL, 12 credits in CHEM, 2 letters from faculty

5 hrs (2 planning, 3 lab)

2 cr.

**BIOL 47000 - Special Topics in Biology**

**GER**
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

**prereq:** BIOL 30000

2 hrs (lec)

2 cr. per sem.

**BIOL 47100 - Special Topics in Biology**

**GER**
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

**prereq:** BIOL 30000

3 hrs (lec)

3 cr. per sem.

**BIOL 48000 - Introduction to Experimental Biology**

**GER**
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.

**prereq:** BIOL 10000 and 10200, Departmental permission prior to registration.
BIOL 48100 - Introduction to Experimental Biology

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.

*prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.*

hrs TBA
1-2 cr. per sem.

BIOL 48200 - Introduction to Experimental biology

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.

*prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.*

hrs TBA
1-2 credits per semester

BIOL 48300 - Introduction to Experimental Biology

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.

*prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.*

hrs TBA
1-2 cr. per sem.

BIOL 20800 - Ecology

GER
3/B

BIOL 22000 - Topics in Genetics and Evolution

GER
3/B

pathway analysis in model genetic systems (yeast, flies, and mice). Basic principles in molecular evolution.

prereq: BIOL 10000 or equiv.
3 hrs
3 cr.

BIOL 25200 - Comparative Anatomy of the Vertebrates

Pluralism and Diversity
GER 3/B

BIOL 28000 - Biochemistry of Health and Nutrition

GER
3/B

Basic biochemistry in areas related to human health and nutrition. Designed for students in the dietetics program.
(Not accepted for credit toward biology Major I)
prereq: BIOL 10000, 10200 or 12000, 12200; CHEM10000, 12000
3 hrs (lec)
3 cr.
not offered 2014-15

BIOL 33500 - Comparative Animal Physiology

GER
3/B

BIOL 34000 - Plant Physiology

GER
3/B

BIOL 38500 - Fundamentals of Developmental Neurobiology

GER
3/B

The course teaches the basic molecular processes underlying neural tissue specification, brain region-specific maturation, proper circuits formation and synapse assembly during the development of eukaryotic organisms.
3 hrs
3 cr.

BIOL 40000 - Special Topics in Advanced Laboratory Techniques

GER
3/B

Advanced laboratory techniques used in contemporary biological research, including areas such as immunology, microbiology and molecular neurobiology. Topics change from term to term.
prereq: BIOL 30000 or perm instr.
CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry. Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.

`prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 15000 or MATH 15200 or MATH 15500`

4 hrs (3 lec, 1 rec)
3 cr.

CHEM 10100 - Inquiries into the Nature of Matter

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students. Primarily for nursing, nutrition and food science and public health students.

3 hrs
3 cr.

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

`prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500`

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10300 (STEM) - General Chemistry Laboratory I

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E
Study of experiments designed to illustrate fundamental laws and techniques of chemistry.
Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.

Offered only for special honors.

prereq or coreq: CHEM 10200
3 hrs
1.5 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10500 (STEM) - General Chemistry Laboratory II

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
CHEM 11100 (STEM) - Chemical Principles

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas laws, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or 12500 or 12550

9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)

5.5

offered fall

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

GER
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics. Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 11100

9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)

5.5

offered spring

CHEM 11500 - Introductory Chemistry

An introduction to the fundamental concepts in chemistry including atomic and molecular structure, chemical bonding, stoichiometry, and solution chemistry. This course is appropriate for students who have had no prior coursework in chemistry.

prereq or coreq: MATH 12400 or 12500 or 12550

4 hrs (3 lec, 1 rec)

3 cr.

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

Hunter Core
Life and Physical Sciences (LPS): Scientific World (SW)

Pluralism and Diversity
GER 2/E

Course presents essential facts, laws and theories of organic chemistry. Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.
CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

CHEM 15000 - Peer-Led Teaching in Chemistry

Students learn to become peer-leaders for workshops held in either Essentials of Chemistry, General Chemistry, or Organic Chemistry Topics include: multiple intelligences and differences in learning styles; basic theory of learning; issues related to race, class and gender.

prereq: CHEM 12000, CHEM 10400, or CHEM 11200 and perm dept.
2 hrs
1 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses. Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.
CHEM 22301 - Organic Chemistry 1 Lab Rec

Recitation required for Organic 1 Laboratory
1 hr.
0 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500 - Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.

prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

CHEM 22501 - Organic Chemistry 2 Lab Rec

Recitation required for Organic 2 Laboratory
1
0

CHEM 24900 - Quantitative Analysis

GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.
fall

CHEM 29101 - Chemical Investigations
Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.
In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000
Course is repeatable

prereq: Department Consent Required
4 hrs
1 cr.

CHEM 29102 - Chemical Investigations

Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.
In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000
Course is repeatable
prereq: CHEM 22400, perm chair
8 hrs
2 cr.

CHEM 29500 - Introduction to Planning and Teaching of Laboratory Work in Chemistry

Participate in supervised teaching experiments that demonstrate important principles of chemistry.

prereq: CHEM 10400, CHEM 10500, two letters from faculty who have taught the student
5 hrs (2 planning, 3 lab)
2 cr.

CHEM 32200 - Organic Chemistry Lecture III

GER
3/B
Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.

prereq: Chem 22404 with a grade of C or better OR Chem 22406 with a grade of C or better
3 hrs
3 cr.
offered fall

CHEM 33300 - Computational Drug Discovery
Computational exercises and literature analyses of drug-macromolecule interactions, computer-assisted drug design, metabolic engineering, and personalized medicine.

**CHEM 34900 - Instrumental Analysis**

**Pluralism and Diversity**  
GER 3/B  
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

**CHEM 35000 - Biophysical Chemistry**

**Pluralism and Diversity**  
GER 3/B  
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.

**CHEM 35100 - Biophysics Laboratory**

Basic theory and application of a variety of spectroscopic techniques used to determine structure, function and other properties of biological molecules.

**CHEM 35200 - Physical Chemistry I**

**GER**  
3/B  
Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

---

*prereq:* CHEM 22404 or CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better

*coreq:* CHEM 35000

*offered spring*
CHEM 35400 - Physical Chemistry II - F

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.

prereq: CHEM 35200, MATH 25000
3 hrs
3 cr.
offered fall

CHEM 35500 - Physical Chemistry Laboratory I

GER
3/B
Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.

prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr.
offered fall

CHEM 35600 - Physical Chemistry II

GER
GER 3/B
Selected topics from quantum chemistry, molecular structure, and spectroscopy.

prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better
3 hrs
3 cr.
offered spring

CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

prereq: CHEM 24900 or perm chair

prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring

CHEM 36000 - Introduction to Nanotechnology
This course introduces students to the underlying principles and applications of the emerging fields of nanotechnology and nanoscience. Intended for a multidisciplinary audience with a variety of backgrounds, the course introduces tools and principles relevant at the nano scale dimension. The course discusses current and future nanotechnology applications in engineering, materials, physics, chemistry, biology, electronics, and energy.

**CHEM 36600 - Inorganic Chemistry**

**GER**

GER 3/B

Treatment of structure, bonding and reactivity of inorganic compounds.

**CHEM 36700 - Inorganic Chemistry Laboratory (W) (Spring 2020)**

Inorganic Chemistry laboratory will provide an introduction to the fundamental principles of inorganic chemistry, synthesis and characterization of a variety of inorganic and organometallic compounds using analytical techniques including FTIR, NMR, UV-Visible spectroscopy, electrochemistry, and some simple methods such as melting and/or boiling points.

**CHEM 36800 - Structural Biology (W) (Spring 2020)**

This course introduces students to the applications of molecular spectroscopy and other emerging techniques used to study the structure, the molecular interactions and the self-assembly of biomolecules. The course will be taught in a mixed format including lectures, computer laboratory projects, studentled discussions on journal papers, and a final writing/oral presentation project.

**CHEM 36900 - Introduction to Polymer Chemistry**

This course will cover mechanisms of polymerization reactions of monomers and molecular weight distributions of products; principles, limitations and advantages of important reactions; relationship of physical properties to structure and composition; correlations of applications with chemical structure.

**CHEM 35000 or CHEM 35200**

**coreq: CHEM 35000 or CHEM 35200**

3 hrs

3 cr.

**offered fall**
CHEM 37000 - Medicinal Chemistry

The course will cover principles of drug discovery, drug design and drug action.

prereq: CHEM 37600 with C or better -or- BIO 30000 with C or better; Department Permission Required
3 hrs
3 cr.

CHEM 37100 - Biological Spectroscopy

Covers basic theory and application of a variety of spectroscopic techniques used to determine structure, function and other properties of biological molecules.

prereq: CHEM 37600 with C or better -or- BIO 30000 with C or better
3 hrs
3 cr.

CHEM 37600 - Biochemistry I

GER
3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 37700 - Biochemistry II

GER
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs
3 cr.

CHEM 37800 - Biochemistry Laboratory (W)

GER
3/B

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.

prereq: ENGL 12000, CHEM 22500 with grade of C or better
prereq or coreq: CHEM 37700 or CHEM 64100
CHEM 38800 - Topics of Current Interest in Chemistry

Pluralism and Diversity
GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.

prereq or coreq: CHEM 35200 and CHEM 35600 or perm instr.
3 hrs
3 cr.

CHEM 39000 - Current Laboratory Methods in Chemistry

Pluralism and Diversity
GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.

prereq or coreq: CHEM 35700 or perm instr.
4 hrs
2 cr.
offered spring

CHEM 39200 - Introduction to Radiochemistry

Introduction to Radiochemistry is a lecture course with a laboratory component. The course will provide an introduction to the fundamental principles of radiochemistry, radioactive counting instrumentation, radioisotope production and applications of radiochemistry.

prereq: CHEM 22400 and CHEM 22500
coreq: CHEM 35000 or CHEM 35200
5 hrs (2 lecture, 3 lab)
3 cr.

CHEM 49101 - Introduction to Research

Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to provide students with the opportunity to demonstrate proficiency in scientific research through the design, development, and presentation of an original, independent and substantive research question, as well as through data collection and analysis. A written thesis and oral presentation are required to fulfill the presentation component of the course. Mandatory participation in thesis committee meetings are essential to the development of a well written thesis. In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29101 or CHEM 29102
Course is repeatable
Fulfills part of the requirement for departmental honors.
CHEM 49102 - Introduction to Research

Prerequisites:

Department Consent Required

4 hrs

1 cr.

**CHEM 49102 - Introduction to Research**

**Pluralism and Diversity**

GER 3/B

This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to provide students with the opportunity to demonstrate proficiency in scientific research through the design, development, and presentation of an original, independent and substantive research question, as well as through data collection and analysis. A written thesis and oral presentation are required to fulfill the presentation component of the course. Mandatory participation in thesis committee meetings are essential to the development of a well written thesis. In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29101 or CHEM 29102.

Course is repeatable.

Fulfills part of the requirement for departmental honors.

**CHIN 11100 - Chinese Culture I**

**Hunter Core**

World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A

GER

2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.

3 hrs

3 cr.

**CHIN 11200 - Chinese Culture II**

**Hunter Core**

World Culture and Global Issues (WCGI)

Pluralism and Diversity

GER 2/C PD/A

Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.

3 hrs

3 cr.

**CHIN 21100 - Topics in Chinese Culture**

Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.

3 hrs

3 cr.
CHIN 25100 - Topics in Chinese Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.
prereq: ENGL 12000
3 hrs
3 cr.

CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
3 cr.

CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr.

CHIN 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr.

CHIN 10100 - Elementary Chinese I

Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

**CHIN 10200 - Elementary Chinese II**

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

**CHIN 10500 - Chinese Writing System and Calligraphy I**

Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.

3 hours
3 credits
offered fall

**CHIN 10600 - Chinese Writing System and Calligraphy II**

Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.

prereq: CHIN 10500 or equivalent

3 hours
3 credits
offered spring

**CHIN 10700 - Intensive Elementary Chinese**

Equivalent to material covered in CHIN 10100 and CHIN 10200.

6 hrs
6 cr.

**CHIN 20100 - Intermediate Chinese I**

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.

prereq: CHIN 10200 or equiv.

3 hrs
3 cr.
offered fall

**CHIN 20200 - Intermediate Chinese II**

Continued reading of literature in baihua.

prereq: CHIN 20100 or equiv.

3 hrs
3 cr.
offered spring
CHIN 20700 - Intensive Intermediate Chinese

Equivalent to material covered in CHIN 20100 and CHIN 20200.

*prereq: CHIN 10200 or 10700*

6 hrs
6 cr.

CHIN 30100 - Journalistic Chinese Literature I

Intensive reading of literature and essays written in journalistic style.

*prereq: CHIN 20200 or equiv.*

3 hrs
3 cr.

offered fall

CHIN 30200 - Journalistic Chinese Literature II

Intensive reading and translation of literature written in journalistic style.

*prereq: CHIN 30100 or equiv.*

3 hrs
3 cr.

offered spring

CHIN 30300 - Classical Chinese Literature I

Intensive study of literature written in *wenyan* or classical style, with attention to basic structures of literary styles.

*prereq: CHIN 20200 or equiv.*

3 hrs
3 cr.

offered fall

CHIN 30400 - Classical Chinese Literature II

Continuation of CHIN 303. Selected readings in literature written in *wenyan* or classical style.

*prereq: CHIN 303 or equiv.*

3 hrs
3 cr.

offered spring

CHIN 30600 - 20th-century Chinese Literature

*Pluralism and Diversity
PD/A*

Selected readings of leading thinkers and writers.

*prereq: CHIN 20200 or equiv.*

3 hrs
3 cr.

CHIN 30700 - Classical Chinese Poetry
Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.

*prereq:* CHIN 30400 or equiv.
3 hrs
3 cr.

CHIN 31600 - Introduction to Business Translation (Chinese – English)

This course introduces a broad scope of language support services pertaining to the business environment, specifically, to a variety of written documents and face-to-face verbal situations that call for translation between Chinese and English—from official stationery, daily correspondences, and meetings to press releases, press conferences, advertising copies, product manuals, and trade events. Students will learn to analyze source documents in real world indicators of the project in question: the client (commissioner of the work), targeted audience, purpose of document, and context of use; students will practice handling documents as an in-house language support staff, providing sight or summary translation, or general interpreting between Chinese and English in the context of business meetings. Through class discussions and practice, principles and approaches will emerge from a survey of key industry drivers of Chinese/English translation in real estate development, tourism, entertainment, digital gaming, and the art market.

*prereq:* CHIN 20200
3 hrs
3 cr.

CHIN 31700 - Community Interpreting and Sight Translation, Chinese – English

This course provides a foundational skill-based grounding for the community interpreter who orally translates between English and Mandarin Chinese in both directions. This course will facilitate interpreting practice in a wide array of public, community, and commercial settings—from the adoption interview, real-estate closing, and arbitration proceedings to the pre-trial deposition and parent-teacher conference; the course will also emphasize sight translation, the oral translation of written texts, as a fundamental skill in community interpreting. As part of an experiential learning approach, students will role play and constitute their own “scenarios,” practice self- and peer-assessment, and learn the multi-faceted process of interpreting, including note-taking, listening, voice production, the use of verbal and non-verbal cues, memory training, and paralinguistic applications. The course will survey the role of community interpreting in the US context addressing key sectors including healthcare, public education, social services, and the criminal justice and court system.

*prereq:* CHIN 20200
3 hrs
3 cr.

CHIN 31800 - Intercultural and Interlingual Discourse in Chinese & English

This course addresses the structural and cultural aspects of language use with focus on dual-language communication involving Chinese and English. Interlingually, the course will explore given structural differences between Chinese and English, including aspects of speech habits (phonology), word-formation (morphology), vocabulary (lexicon), phraseology, and sentence structure (syntax); interculturally, the course will examine how dual-language speakers (and translators) negotiate and shape Chinese and English in the dynamic of time-and-place communication, including the navigation of different discourse styles, conventions governing idiom, coherence, or logic, and assumptions about gender relations, and power and status that determine who speaks when, who gets interrupted, and how rhetoric and voice are expressed in code switching and mixing between Chinese and English. In identifying rule-governed variance and strategies used to mediate differences in communication, students will also develop an articulate understanding of
how the two languages function in their separate and yet intertwined evolution.

prereq: CHIN 20200
3 hrs
3 cr.

CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.

prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr.

CHIN 40200 - Independent Study in Chinese Literature

Independent study and research in Chinese literature under supervision of a faculty member.
For majors only.

prereq: CHIN 40100, perm chair
3 hrs
3 cr.

CLA 25000 - Greek and Roman Tragedy (W)

Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
PD/D

GER
2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.

prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25100 - Ancient Comedy (W)

Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
PD/D

GER
2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.

prereq: ENGL 12000
3 hrs
3 cr.

CLA 25300 - Homer and Vergil (W)
Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25400 - The Ancient Novel in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Greek and Roman prose fiction-Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatuis' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.
prereq: ENGL 22000 or perm instr.
3 hrs
3 cr.

CLA 10100 - Classical Mythology

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/D
GER
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr.

CLA 11000 - The Greek and Latin Roots of English

Hunter Core
World Culture and Global Issues (WCGI)

GER
2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs
3 cr.

CLA 20100 - Greek Civilization (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
prereq: ENGL 12000
3 hrs
3 cr.

CLA 20300 - Roman Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.
prereq: ENGL 12000
3 hrs
3 cr.

CLA 24000 - Topics in Classics

Examination of specific areas of classical culture, such as literature, language, or numismatics.
prereq: ENGL 120
3 hrs
3 cr.

CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

Pluralism and Diversity
PD/D
GER
3/A

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr.

CLA 30300 - Religion of Ancient Greece (W)

Pluralism and Diversity
GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.
prereq: ENGL 12000, CLA 10100 or 20100
CLA 30400 - Pagans and Christians (W)

Pluralism and Diversity
PD/D
GER
3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLA 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER
GER 3/A

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.
cross-listed WGSC 30500 (W)
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLA 30600 - Special Studies in Ancient Greek Culture

Examination of specific areas of Greek life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs
3 cr.

CLA 30700 - Special Studies in Ancient Roman Culture

Pluralism and Diversity
PD/D

Examination of specific areas of Roman life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs
3 cr.

CLA 30800 - Magic and Science in the Ancient World (W)

GER
3/A

The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
CLA 31000 - Ancient Sports and Spectacles (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.

CLA 42100 - Independent Study in Classics

Open to majors only.

CLA 49100 - Honors in Classics

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

CLA 49800 - Internship

CLARC 20200 - Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.

CLARC 32600 - Hellenistic Archaeology (W)
The Mediterranean world from Alexander the Great through the rise of Rome; trends in architecture, sculpture, painting, mosaics and city planning, reflecting the period's history and philosophies (ca. 350 – 31 BCE). Focuses on the sites of Alexandria, Pergamon, Delos, Athens, Rome.

**prereq: ENGL 12000 and CLARC 20400**
3 hrs
3 cr.

**CLARC 32800 - Theory and Methods in Classical Archaeology (W)**

Archaeology as a comprehensive discipline of historical inquiry through analysis of material culture, as studied in the Mediterranean basin and the Ancient Near East. This course includes fieldwork strategies, survey, stratigraphic excavation, ceramic and numismatic analysis, artifact and data processing and documentation, management and protection of cultural heritage.

**prereq: ENGL 12000 and CLARC 20400**
3 hrs
3 cr.

**COMPL 30100 - Seminar: Approaches to Comparative Literature**

Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary.

Required of all majors in comparative literature.
3 hrs
3 cr.

**COMPL 32000 - Comparative Studies in Prose Fiction**

May be taken more than once when content varies.
3 hrs
3 cr.

**COMPL 32100 - Comparative Studies in Prose Fiction**

May be taken more than once when content varies.
3 hrs
3 cr.

**COMPL 33000 - Comparative Studies in Drama**

May be taken more than once when content varies.
3 hrs
3 cr.

**COMPL 33100 - Comparative Studies in Drama**

May be taken more than once when content varies.
3 hrs
3 cr.
COMPL 34000 - Perspectives on Literature and the Arts
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 34100 - Perspectives on Literature and the Arts
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 35000 - Comparative Studies in Literary Movements
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 35100 - Comparative Studies in Literary Movements
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 37000 - Comparative Studies in Myth and Folklore
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 37100 - Comparative Studies in Myth and Folklore
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 38000 - Selected Topics in Comparative Literature
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 38100 - Selected Topics in Comparative Literature
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 39000 - Honors Project
prereq: completion of 9 cr. in COMP-prefixed courses
3 hrs
3 cr.

COMPL 39100 - Honors Project

prereq: completion of 9 cr. in COMP-prefixed courses
3 hrs
3 cr.

CSCI 11500 - Computer Technology in Childhood Education

Open only to students in QUEST program. Students learn to use a number of software tools and applications that can be infused into the curriculum of the elementary school. Includes a focus on information retrieval using Internet resources and use of such application packages as Miosoft Excel, Miosoft Power Point, Inspiration and Timeliner.
prereq or coreq: QSTA 40000
3 hrs (1 lec, 2 lab)
2 cr.

CSCI 12000 - Introduction to Computers

Hunter Core
Scientific World (SW)
GER
2/E

Intended for non-majors. Basic concepts of computer technology. Principles of hardware operation, software and networking. Roles of computers in society, including ethical and legal issues.
This course cannot be counted towards the CSCI major
prereq: none
3 hrs
3 cr.

CSCI 12100 - Computers and Money: Quantitative Reasoning in Context

Hunter Core
Math and Quantitative Reasoning (MQR)
GER
1/B

Quantitative reasoning tackled from a computer based perspective and focusing on practical financial topics--stocks, gambling, inflation, diversification, taxes, hedging, saving, real estate, retirement and others. Students take a hands-on, spreadsheet- based approach to understanding issues of money and personal finance.
This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr.

CSCI 12700 - Introduction to Computer Science (STEM)
Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.

This course cannot be counted towards the CSCI major.

prereq: none
3 hrs
3 cr.

CSCI 13300 - Programming for Everyone

Hunter Core
Scientific World (SW)
GER
2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
3 cr.

CSCI 13500 - Software Analysis and Design I

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

prereq: CSCI 12700 or equivalent and; MATH 12400, or 12500, or 12550, or 15000, or 15200, or 15500.
5 hrs (3 hours lecture, 2 hours recitation)
4 cr.
CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

CSCI 16000 - Computer Architecture I

GER
3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr.

CSCI 17200 - Topics in Creative Problem Solving

CSCI 172 is a pass/fail (CR/NC) faculty-supervised workshop that meets ten times per semester. Each workshop explores a different applied topic in computer science. An undergraduate peer leader presents slides, guides discussions, and engages the participants in activities that emphasize collaborative problem solving. This course explores the role of teamwork and in-class activities to improve student retention, with particular interest in underrepresented populations in computer science.

Special conditions: The course meets 10 times for 1 hour 15 minutes (75 minutes). Adjusted for credit hours, the semester total is the 15 hours required for a 1-credit course. The class meets on the bell schedule for ten 75-minute sessions per semester. The special conditions are that CSCI 172 meets once rather than twice a week and meets during only ten of the 15 weeks of the semester.

1 hr
1 cr.

CSCI 18100 - Independent Workshop

Outside internship in practical aspects of computing; e.g., systems programming, biomedical computing, computer-aided instruction.
Credits may not be used toward the computer science major.
prereq: declared computer science major with 18 credits completed in the department
1-3 hrs
1-3 cr.

CSCI 18200 - Independent Workshop

Outside internship in practical aspects of computing; e.g., systems programming, biomedical computing, computer-aided instruction.
Credits may not be used toward the computer science major.
prereq: declared computer science major with 18 credits completed in the department
1-3 hrs
1-3 cr.
CSCI 18300 - Independent Workshop

Outside internship in practical aspects of computing; e.g., systems programming, biomedical computing, computer-aided instruction. Credits may not be used toward the computer science major.

*prereq: declared computer science major with 18 credits completed in the department

1-3 hrs
1-3 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER

3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

*prereq: CSCI 12700 or CSCI 13200

3 hrs
3 cr.

CSCI 23300 - Programming Projects Seminar for Minors

This course will serve as a capstone for the minor, affording students the opportunity to write reasonably large and complex programs. Students will be expected to draw topics for these programs from their majors or other areas of interest. This course does not count toward the computer science major.

*prereq or coreq: CSCI 13300 and 23200 and a declared Computer Science Minor.

2 hrs.
1 credit

CSCI 23500 - Software Analysis and Design II

GER

3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.

*prereq: CSCI 13500, 15O00; MATH 15000

3 hrs
3 cr.

CSCI 24500 - Computer Architecture II

GER

3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.

*prereq: CSCI 145, CSCI 150, MATH 150
3 hrs
3 cr.

CSCI 26000 - Computer Architecture II

GER
3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.

prereq: CSCI 13500, 16000 or 24500; MATH 15000

3 hrs
3 cr.

CSCI 26500 - Computer Theory I

GER
3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

prereq: CSCI 16000 or 14500; MATH 15000

3 hrs
3 cr.

CSCI 26700 - Microprocessors and Embedded Systems

GER
3/B

Students will assemble and program a small single board computer to control, or simulate control of, some device.

prereq: CSCI 13300 or 26000

3 hrs
3 cr.

CSCI 27500 - Symbolic Logic

Sentential logic including symbolizations, truth-value tables, formal derivations. Predicate logic including symbolizations, interpretations, and formal derivations.

cross-listed MATH 27500, PHILO 27500

3 hrs
3 cr.

CSCI 33500 - Software Analysis and Design III

GER
3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms.
Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

**CSCI 34000 - Operating Systems**

**GER**

3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.

**CSCI 35000 - Artificial Intelligence**

**GER**

3/B

A survey of artificial intelligence including search and control, knowledge representation, logic and theorem proving, learning, natural language and AI programming.

**CSCI 35300 - Machine Learning**

Machine learning is the subfield of artificial intelligence that learns to predict and classify from data. This interdisciplinary course explores how a machine learns to predict and classify.

**CSCI 35500 - Introduction to Linear Programming**

**GER**

3/B

Introduction to operations research and game theory. Simplex method; inconsistency, redundancy and degeneracy problems; two-phase method; duality; transportation problems.

**CSCI 36000 - Computer Architecture III**

**GER**

3/B
High performance computer architectures, including massively parallel SIMD and MIMD machines and distributed architectures.

 prerequisite: CSCI 26000 or 24500; MATH 15500
3 hrs
3 cr.

CSCI 36500 - Computer Theory II

GER
3/B

Turing machines, Post machines, Post's theorem, Minsky's theorem. Determinism and non-determinism. Undecidability, the halting problem. Recursive function theory.

 prerequisite: CSCI 265
3 hrs
3 cr.

CSCI 37100 - Advanced Symbolic Logic

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability.

 cross-listed PHILO 37500
 prerequisite: PHILO 27500 or CSCI 27500 or MATH 27500
3 hrs
3 cr.

CSCI 37200 - Logic and Computers

This course introduces students to logic and its applications to modeling both computer and real-world systems. Topics include various logics and their applications to modeling systems and reasoning for artificial intelligence, along with proof systems and tools for automated or semi-automated reasoning in these logics.

 cross-listed MATH 37200 / PHILO 37200
 prerequisite: CSCI 15000 or PHILO/CSCI/MATH 27500
3 hrs
3 cr.

CSCI 37700 - Non-classical Logic

Logic is the systematic and precise study of reasoning—a topic of particular interest to mathematicians and computer scientists as well as philosophers. Philosophers have often functioned as the research and development wing of this collaboration, thinking up and formalizing new logical techniques and systems designed to solve problems that can't be solved by traditional (a.k.a. "classical") logic. This course will be an introduction to some of these non-classical logics, their philosophical motivations, and some of their applications.

 cross-listed PHILO 37700, MATH 37700
 prerequisite: PHILO 27500 or MATH 27500 or CSCI 27500
3 hrs
3 cr.

CSCI 39100 - Independent Study in Computer Science
Independent work, under the direction of a faculty member, in practical aspects of computing. CSCI 39100 is repeatable up to a total of 6 credits; however, no more than a total of three Independent Study credits may be used toward the computer science major.

*prereq:* declared Computer Science major, perm instr. and dept.

1-3 hrs
1-3 cr.

**CSCI 39200 - Independent Study in Computer Science**

Independent work, under the direction of a faculty member, in practical aspects of computing.

*prereq:* declared Computer Science major, perm instr. and dept.

1-3 hrs
1-3 cr.

**CSCI 39300 - Independent Study in Computer Science**

Independent work, under the direction of a faculty member, in practical aspects of computing.

*prereq:* declared Computer Science major, perm instr. and dept.

1-3 hrs
1-3 cr.

**CSCI 39400 - Topics in Computer Science**

An introduction to programming in Python, Perl and PHP.

*prereq:* Prerequisites vary by topic and are announced prior to registration.

2 hrs
2 cr.

**CSCI 39500 - Topics in Computer Science**

Topics include internet security, web programming, genetic algorithms, expert systems and others. Prerequisites vary with specific topics and are announced prior to registration.

3 hrs
3 cr.

**CSCI 40500 - Software Engineering**
Problems in large-scale software development including functional analysis of information processing systems, system design concepts, timing estimates, documentation and system testing.

prereq: CSCI 33500
3 hrs
3 cr.

**CSCI 41500 - Data Communications and Networks**

A broad technical introduction to the components, protocols, organization, industry and regulatory issues that are fundamental to the understanding of contemporary computer networks.

prereq: CSCI 33500, 34000
3 hrs
3 cr.

**CSCI 43500 - Database Management**

Hierarchical and network databases; theory of relational databases; normalization theory; query languages.

prereq: CSCI 33500
3 hrs
3 cr.

**CSCI 45000 - Language Translation**

The theory and application of language recognition and analysis techniques, as they pertain to both formal programming languages and to natural languages. Includes lexical, syntactic and semantic analysis methods, as well as discussions of efficient data representation.

prereq: CSCI 26500, 33500
3 hrs
3 cr.

**CSCI 46000 - Advanced Programming Languages**

Survey course on the design and implementation of modern programming languages. Includes object-oriented, functional, logic and concurrent/distributed paradigms.

prereq: CSI 26500, 33500
3 hrs
3 cr.
CSCI 49300 - Honors Seminar

GER
3/B

Topics include Unix systems programming, computer law, 3D vision, Windows programming, neural networks, speech and language processing, fuzzy systems and other areas. Prerequisites vary with specific topics and are announced prior to registration.

Prereq: Prerequisites vary with specific topics and are announced prior to registration.
3 hrs
3 cr.

CSCI 49366 - UNIX System Programming

GER
3/B

An introduction to the key components of the UNIX application programming interface, including files, processes, terminal control, signals, interprocess communication, the ncurses library, and multi-threading. Includes basic of the internal structure of the UNIX operating system, and selected user-level utilities and commands for efficient programming and working in UNIX.

Prereq or coreq: CSCI 23500, 34000
3 hours
3 credits

CSCI 49369 - Big Data Technology

The increasing availability of big data has changed fundamental practices in business, health care, policy making, and scientific research. The primary objective of this course is to enable students to efficiently process, manage, reformulate, and mine an extremely large data set. This is an interdisciplinary course that considers data from many different sources. Students are welcome to work with their own interested domains in addition to the required ones.

Prereq: CSCI 13500 and CSCI 23200 or CSCI 43500, or permission of the instructor
3 hrs
3 cr.

CSCI 49600 - Supervised Research

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.

Prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

CSCI 49700 - Supervised Research

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted
toward the computer science major.

prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

CSCI 49800 - Supervised Research

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.

prereq: declared Computer Science major, perm instr. and dept.
1-3 hrs
1-3 cr.

CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages.

prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.
4 hrs
4 cr.

SCI 11100 - Brains, Minds, and Machines

Hunter Core
Scientific World (SW)
This course addresses current knowledge about how human brains, human minds, and artificially intelligent machines think. Students will learn about groundbreaking work that will provide insight into people, the apps they rely on, and the robots in their future. Highly recommended for students considering any science major, and for students interested in problem solving.
3 hrs
3 cr.

DAN 12400 - Production Crew

Production Crew provides students with insights and firsthand experience as a participant in the physical production of theatre. This course allows students to build an understanding and appreciation of the practical function of theatrical production techniques.

prereq: permission of department
0.5 hrs
0.5 cr.

DAN 22100 - Improvisation

GER
3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their
creative movement potential. May be taken 3 times for credit with permission of department.

prereq: Declaration of Dance Major or Dance Minor
4 hrs
1 cr.

**DAN 22400 - Stagecraft**

GER
3/A

This course focuses on the practical experience of dance production, including work backstage and other aspects of production. May be taken twice for credit with permission of the department.

prereq: perm dept.
3 hrs, 3 hrs open studio
1 cr.

**DAN 32100 - Composition I**

Pluralism and Diversity
GER 3/A

Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.

prereq: DAN 22100, permission of dept.
4 hrs, 2 hrs open studio
2 cr.

**DAN 42100 - Composition II**

GER
3/A

Continued application of basic principles of composition; conception, planning and realization of complete dances; preparation of dances for concert by integrating all aspects of production. Two additional hours of open studio are recommended for this course.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: DAN 32100, perm dept.
4 hrs, 2 hrs open studio
2 cr.

**DAN 42200 - Dance Workshop**

GER
3/A

This advanced composition course provides a structure for continued choreographic practice leading to public performance. The course concentrates on development of individual artistic voice, refining effective rehearsal practices,
and seeing a choreographic project to completion in terms of thematic material, methodology, visual design, and production best practices. May be taken twice for credit with permission of the department.

prereq or coreq: DAN 42100
4 hrs
2 cr.

DAN 42400 - Production

GER
3/A

Practical application of advanced production skills: a design course for advanced dance and choreography students. Tools, techniques and skills required to produce live dance performances. May be taken twice for credit with permission of the department.

prereq: DAN 22400
3 hrs, 3 hrs open studio
2 cr.

DAN 43200 - Repertory I

GER
3/A

Open to dance majors and minors only. Performance course for intermediate and advanced students. Students are expected to participate with high level of professionalism and focus. The choreographer and choreographic material change every semester. Some casting may be done via audition. May be taken two times for credit with permission of the department.

prereq: permission of dept.
3 hrs, 3 hrs open studio
1 cr.

DAN 43300 - Repertory II

GER
3/A

Open to dance majors and minors only. A dance is learned from professional choreographer's repertory and performed in concert. Students are expected to participate with high level of professionalism and focus. The choreographer and choreographic material change every semester. Some casting may be done via audition. May be taken two times for credit with permission of the department.

prereq: permission of dept.
3 hrs, 3 hrs open studio
1 cr.

DAN 44000 - Lecture/Demonstration Touring Group
Performance of prescribed choreography in lecture/demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin. May be taken two times for credit with permission of the department.

*prereq: permission of dept.*

4 hrs
2 cr.

**DAN 10100 - Fundamentals of Contemporary Dance Technique**

**GER**

3/A

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

*prereq: N/A*

4 hrs.
2 cr.

**DAN 10500 - Fundamentals of Ballet**

Introduction to fundamental skills and nomenclature of ballet. May be taken three times for credit with permission of the department.

4 hrs
2 cr.

**DAN 15100 - Global Dance 1**

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.

2 hrs
1 cr.

**DAN 21000 - Contemporary Dance Technique I**

**GER**

3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.

*prereq: DAN 10100, perm dept., placement class*
DAN 21500 - Ballet 1

GER
3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

prereq: permission of department

DAN 22000 - Contemporary Dance Technique II

GER
3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

prereq: DAN 21000, perm dept, or placement class

DAN 22500 - Ballet 2

GER
3/A

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.

prereq: permission of department

DAN 25100 - Global Dance 2

GER
3/A

Expanded progressions in folk forms of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.

prereq: DAN 15100
2 hrs
1 cr.

**DAN 25200 - Special Topics: Traditional Dance I**

Pluralism and Diversity
GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

This course only partially fulfills the electives requirement for the Dance BA degree.

*prereq: placement class*

4 hrs
2 cr.

**DAN 31000 - Contemporary Dance Technique III**

Pluralism and Diversity
GER 3/A
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.

*prereq: DAN 22000, or perm. depart.*

4 hrs
2 cr.

**DAN 31500 - Ballet 3**

Advanced-level ballet technique. Continued study of classical ballet vocabulary, with reference to historic and contemporary stylistic conventions. Emphasis on advanced proficiency of dance concepts, application of sound anatomical practices, and refinement of musicality and artistic interpretation. May be taken four times for a total of 8 credits with permission of the department.

*prereq: permission of department*

4 hrs
2 cr.

**DAN 35200 - Special Topics: Traditional Dance II**

Pluralism and Diversity
PD/A
GER
3/A

Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

*prereq: DAN 25200, perm dept.*

4 hrs
2 cr.

**DAN 41000 - Contemporary Dance Technique 4**
Pluralism and Diversity
GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken three times for credit with permission of the department.

_prereq:_ permission of department
4 hrs
2 cr.

DAN 10200 - Dance in Culture

Hunter Core
Creative Expression (CE)
GER
GER 2/D

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
3 hrs.
3 cr.

DAN 21300 - Basic Musicianship for Dancers

GER
3/A

Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
_prereq:_ DAN 21000
3 hrs
2 cr.

DAN 23200 - Global Dance History

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
_prereq:_ N/A
DAN 25500 - Dance Pedagogy

The course traces the history of teaching dance in studios, dance schools, academies, public schools, arts schools, and in higher education in the US and internationally and explores the different kinds of programs that exist today. The course will discuss and observe differing teaching methodologies. Students will read, observe and comment on teachers, as well as present their thoughts about the pedagogy of Dance.

prereq: DAN 31000 and/or DAN 24500

DAN 34200 - Teaching Dance

Teaching Dance will be a combination of a lab and lecture course. Readings from the field will include the methodologies of teaching different genres for different populations. Students will present in class three times per semester. They will also perform extensive field work observing and interviewing teachers, studio owners, directors of professional training programs, etc.

prereq: DAN 31000 and/or DAN 24500

DAN 35000 - Anatomy and Kinesiology for Dancers

GER

3/A

Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.

prereq or coreq: any course in DAN

DAN 46100 - Seminar in Dance

GER

3/A

Survey of dance careers, grant writing, arts administration, resume writing and relevant topics related to the socio-political climate of our times in relation to art.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: DAN 31000, DAN 32100

DAN 48000 - Independent Study in Dance
**GER**

3/A

In-depth study in area of special interest for qualified students under direction of faculty adviser. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

_prereq: minimum 15 dance received at Hunter, major GPA 3.0, overall GPA 2.5. Open to dance majors and minors only._

3-9 hrs

1-3 cr.

**DAN 49000 - Honors in Dance**

**GER**

3/A

Open to Jr/Sr Dance majors only. Individual study leading to completion of honors essay or production book in creative performance. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

_prereq: minimum 18 dance, major GPA 3.5, overall GPA 2.8

hrs TBA

1-3 cr.

**DAN 49800 - Internship**

**GER**

3/A

Open to dance majors with 15 credits in dance from Hunter. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

_prereq: DAN 32400

hrs TBA

3-6 cr.

**BUS 12000 - Personal Finance**

Personal Finance teaches the economic and mathematical skills needed to make informed decisions about money. Topics may include financial statements, the time value of money, consumer credit, savings, investment fundamentals, housing decisions, insurance and personal taxation. We focus on costs and benefits associated with individual choices as well as behavioral strategies that can improve the odds of success.

_prereq: CUNY Math Proficiency

3 hrs.

3 cr.

**ECO 10000 - Introduction to Economics**

**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

**GER**

2/B
Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.

ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

prereq: Math/Writing Proficient/Non degree students

3 hrs
3 cr.

ECO 19600 - Special Topics in Economics

Special topics and issues of research and policy interest. Topics vary each semester. Suitable for students who may have no prior background in economics. Does not count as credit toward the major.

3 hrs
3 cr.

ECO 20000 - Principles of Microeconomics

GER
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.

May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.

ECO 20100 - Principles of Macroeconomics

GER
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.

May be taken prior to or concurrently with ECO 20000.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.

ECO 22000 - Techniques of Economic Analysis
**GER**

3/B

Mathematical techniques applied to economic models.

*prereq: ECO 20000; MATH 12500 or exemption from the course*

3 hrs

3 cr.

**ECO 22100 - Economic Statistics**

**Hunter Core**
Mathematics and Quantitative Reasoning

**GER**

1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

*prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500*

3 hr lecture or 2 hr lecture/1 hr discussion

3 cr.

**BUS 21000 - Creating Value Through Marketing**

Marketing creates value for customers, and therefore value for organizations. This course introduces students to the strategic concepts, practical decision-making and most common metrics required for a successful marketing plan, while also exploring the connections between marketing and other business functions.

Counts as elective for Business Certificate.

*prereq: ECO 10000*

3 hrs.

3 cr.

**BUS 26100 - Introduction to Entrepreneurship**

Business enterprise fundamentals through the lens of a new business; identifying market opportunities to meet consumer need and create economic value in a new way; methods to convert an opportunity into a viable new business.

Does not count toward the Economics and Accounting majors.

Course is used in the Hunter Business Certificate.

*prereq: Open only to upper sophomores.*

ECO 22100 or MATH 10000 or MATH 10200 or MATH 10400 or MATH 12500 or MATH 15000 or MATH 15500 or STAT 11300 or STAT 21200 or STAT 21300.

3 hrs.

3 cr.

**ECO 21000 - Money and Banking**

**GER**

3/B

Monetary and banking principles and practice; current issues; theory and policy.

*prereq: ECO 20000, 20100*
ECO 23300 - Economics of the Media

Provides an introduction to the economics of the media. The course uses the toolkit of economic analysis to understand the structure of media industries, the characteristics of media products, the effects of regulation in media markets, and changes brought about by digital technology.

Economics of the Media is a quantitative analytical course requiring a solid understanding of microeconomic principles and also basic statistics.

prereq: ECO 10000 or ECO 20000
3 hrs.
3 cr.

ECO 26600 - Personal Financial Economics

Introduction to financial decision-making. Economic and behavioral theories; empirical evidence; implications for policy makers and investors.

prereq: ECO 10000
3 hrs
3 cr.

ECO 29500 - Selected Topics in Economics

GER
3/B

Special topics and issues of research and policy interest. Topics vary each semester. May be repeated for a total of 6 credits.

prereq: ECO 20000 or 20100
3 hrs
3 cr.

ECO 29600 - Special Topics in Economics

Special topics and issues of research and policy interest. Topics vary each semester. Does not count as credit toward the major.

prereq: Requisites may vary.
3 hrs
3 cr.

BUS 49700 - Business Studies Capstone and Internship

The capstone experience for the Business Certificate is an internship in which students will do meaningful work and have opportunities to learn about the broader organization in order to develop an overview of the business and its challenges. The Internship seminar is designed to help students reflect on their collective experiences and gain a more global perspective on multiple businesses, their goals, and their role in helping to achieve those goals. Does not count for economics or accounting majors. Permission based on fulfillment of all other certificate course requirements and
having a qualifying (96 hours or more over 15 weeks) internship or job in place.
Course is used in the Hunter Business Certificate.

**prereq:** Department permission required.
3 hrs.
3 cr.

**ECO 30000 - Intermediate Microeconomics**

**GER**
3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.

**prereq:** ECO 20000, 20100 and MATH 15000 or MATH 15200

3 hrs
3 cr.

**ECO 30100 - Intermediate Macroeconomics**

**GER**
3/B

Growth, employment and prices in the short and long run; monetary and fiscal policy.

**prereq:** ECO 20000, 20100, MATH 15000 or MATH 15200

3 hrs
3 cr.

**ECO 31000 - Financial Institutions**

**GER**
3/B

Operation, administration and regulation of U.S. banking, investment and credit institutions.

**prereq:** ECO 21000

3 hrs
3 cr.

**ECO 31500 - Public Finance**

**GER**
3/B

Theory and application of fiscal policy; federal budgeting; state and local finance.

**prereq:** ECO 20000

3 hrs
3 cr.

**ECO 32100 - Introduction to Econometrics**

**GER**
3/B
Linear and non-linear regression models in economics; statistical methods for estimation and inference.  
*prereq: ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 15500 or MATH 25500*

3 hrs  
3 cr.

ECO 33000 - Economic Development

*Pluralism and Diversity*  
PD/A  
GER  
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.  
*prereq: ECO 20000*

3 hrs  
3 cr.

ECO 33700 - Mathematical Foundations of Economics

An advanced undergraduate course in mathematical methods for economists. The course is designed to introduce students to the mathematical techniques used in advanced study of economics and in professional and academic economic research.  
*prereq: ECO 30000 or equivalent and MATH 15000 or exemption from the course.*

3 hrs  
3 cr.

ECO 33900 - Strategies and Games in Economics

A critical introduction to applications of game theory in economics. Applications include the analysis of conflict, trust and cooperation, firms' strategic behavior in concentrated markets, and herd behavior and panics in financial markets. We extend basic game-theoretic models to incorporate asymmetric information and mechanism-design, studying how the rules of a game or the initial distribution of information might affect equilibrium outcomes and therefore how to select optimal rules that govern interactions. Questions addressed include the design of compensation and incentive contracts; voting models and political-economic equilibria; how firms choose their financial structure; and how and why laws and constitutions are chosen to be what they are.  
*prereq: ECO 30000 or equivalent*

3 hrs.  
3 cr.

ECO 34000 - International Trade

*GER*  
3/B

Theories of international trade and international trade policies.  
*prereq: ECO 20000*

3 hrs  
3 cr.
ECO 34100 - International Finance

GER
3/B

Theories of exchange-rate determination and open-economy macroeconomic theory and policy.

_prereq: ECO 20100
3 hrs
3 cr.

ECO 34500 - Women and Men in the Labor Market

Pluralism and Diversity
PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, “human capital” investments, labor market policy issues.

cross-listed WGSL 34500
_prereq: ECO 20000
3 hrs
3 cr.

ECO 35000 - Comparative Economic Systems

Pluralism and Diversity
PD/D
GER
3/B

Comparative analysis of market and planned economies in theory and practice. Process and problems of transitions between planned and market economies.

_prereq: ECO 20000, 20100
3 hrs
3 cr.

ECO 35500 - Business Strategy & Industrial Organization

GER
3/B

Analysis of the strategic behavior of firms in markets with imperfect competition and the role of public policy in regulating these markets.

_prereq: ECO 20000
3 hrs
3 cr.

ECO 35600 - Business and Public Policy
Analysis of the intersection between business and government in market economies. Topics may include protection of intellectual property, economic regulation, health and safety regulation, antitrust, and the behavior of private firms in the political and social realms.

prereq: ECO 20000
3 hrs
3 cr.

**ECO 35900 - Economics of Business Organization and Management**

The economic theory of the firm, including the formal analysis of incentives and contracts. Particular focus on how the internal organization of the firm can mitigate the negative effects of conflicts of interest between different stakeholders in the firm.

prereq: ECO 20000 with a grade of C, CR or better
3 hrs
3 cr.

**ECO 36000 - Managerial Economics**

Theory of the firm, risk and uncertainty; forecasting, capital allocation, analysis of costs and returns, pricing.

prereq: ECO 20000
3 hrs
3 cr.

**ECO 36500 - Corporate Finance**

Pluralism and Diversity

Analysis of corporate investment and financing decisions.

prereq: ECO 20000 and either ECO 22100 or STAT 21300, all with a grade of C or CR or better
3 hrs
3 cr.

**ECO 36600 - Security and Investment Analysis**

Operation of the stock market; security analysis and evaluation; economic variables influencing security values.

prereq: ECO 36500
ECO 37000 - Law and Economics

GER
3/B

Analytical tools of microeconomics are used to examine various aspects of the law, including property, contracts, torts, liability, and criminal and family law.

prereq: ECO 20000

3 hrs
3 cr.

ECO 37500 - Health Economics

This course provides a microeconomic foundation for understanding health and health care decisions. The course covers how the market for health services differs from other markets, with an emphasis on the role of government. The course will use economic tools to evaluate key health issues, such as the demand for healthcare, the market for health insurance, the supply of health services, and the impact of health care policies.

prereq: ECO 20000

3 hrs
3 cr.

ECO 39000 - Independent Study in Economics

GER
3/B

Open to economics majors and minors. Individual readings, tutorials, research. Written report. May be repeated for total of 6 cr. Not open to accounting majors.

prereq: perm chair and faculty sponsor

3 hrs
3 cr.

ECO 39500 - Selected Topics in Economics

GER
3/B

Jr/Sr majors only. Special readings, research and seminar discussions on selected topics announced each semester. May be repeated for a total of 6 cr.

3 hrs
3 cr.

ECO 40000 - Senior Seminar: The big (economics) picture and getting ready for life after college

ECO 40000 is a seminar so class meetings will not be lecture-centered. Instead, each student will be expected to actively participate in class discussion, provide thoughtful comments on the readings, give polished oral presentations on their research, and offer detailed reflections on the work of their colleagues in the class. Upon completing this
course, students will be able to synthesize and critically question views from some scholarly books and research articles in economics. Second, students will learn to critically examine and present ideas on an area of economics of their choice by gathering, organizing and analyzing data and writing, editing and giving oral presentations. Third, students will prepare for life after Hunter College by working on their resumes, interview skills, and public speaking.

prereq: ECO 30000, ECO 30100 and ECO 32100
3 hrs
3 cr.

ECO 49800 - Internship in Economics of Accounting

Opportunities for working in positions of responsibility in professional institutions (including government agencies, private firms and not-for-profit institutions) for academic credit. The position must provide opportunities for learning about some area of economics, accounting, business or related public policy. Credits may not be used towards the requirements for the economics or accounting major. CR/NC grading is mandatory.
prereq: Open only to qualified economics or accounting majors, upper Junior/Senior only. Enrollment is subject to approval of department adviser. Course may be taken no more than twice.
1 hr
1 cr.

ECO 49900 - Honors Project

Jr/Sr only. Supervised individual research and directed reading. Honors essay.
prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr.

ACC 27100 - Accounting I

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.
prereq: upper freshman standing
3 hrs
3 cr.

ACC 27200 - Accounting II

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.
effective term spring 2016
prereq: ACC 27100 with a grade of C or better
3 hrs
3 cr.

ACC 28000 - Business Law I

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.
prereq: sophomore standing or perm chair
3 hrs
3 cr.
ACCP 36700 - Analysis of Financial Statements

GER
GER 3/B

Analysis, interpretation, and use of financial statements.

*note: This course does not count as an elective towards the Economics major.*

*prereq: ECO 37200 and ECO 36500 or adviser's permission*
3 hrs
3 cr.

ACCP 37100 - Intermediate Accounting I

In-depth study of current concepts relating to accounting for assets and current liabilities.

*effective term spring 2016*

*prereq: ACC 27100 and ACC 27200 all with a grade of C or better.*
3 hrs
3 cr.

ACCP 37200 - Intermediate Accounting II

Long-term liabilities, investments, revenue recognition; shareholders' equity, dilutive securities and earnings per share, income taxes, pensions, leases.

*effective term spring 2016*

*prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better.*
4 hrs
4 cr.

ACCP 37300 - Federal Income Taxation

Principles of federal income taxation and the impact of taxes on individuals.

*effective term spring 2016*

*prereq: Prereq: ACC 27100 and ACC 27200 and ACCP 37100, all with a grade of C or better*
3 hrs
3 cr.

ACCP 37400 - Managerial Accounting (Cost Accounting)

Accumulation, analysis, presentation and use of cost data by management; budgets.

*effective term spring 2016*

*prereq: Prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better*
3 hrs
3 cr.

ACCP 38000 - Business Law II
Legal aspects of business organizations; agency, partnership and corporate relationships.

**prereq:** ACC 28000 with a grade of C, or CR, or better

3 hrs

3 cr.

**ACCP 47100 - Advanced Accounting I**


*effective term spring 2016*

**prereq:** ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better

3 hrs

3 cr.

**ACCP 47200 - Advanced Accounting II**

Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy.

*effective term spring 2016*

**prereq:** ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better

3 hrs

3 cr.

**ACCP 47300 - Business Taxes**

Federal income taxation of partnerships and corporations; other special tax issues.

*effective term spring 2016*

**prereq:** ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 and ACCP 37300 all with a grade of C or better

3 hrs

3 cr.

**ACCP 47500 - Auditing**

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.

**prereq or coreq:** ACCP 47100 with a grade of C or better

4 hrs

4 cr.

**ACCP 47600 - Computer Accounting Systems**


**prereq:** ACC 27100 and ACC 27200, both with a grade of C or better, and declaration as an accounting major

3 hrs

3 cr.

**ACCP 48000 - Business Law III**

Sales and financing devices under Uniform Commercial Code; property; trusts and estates; bankruptcy; other selected topics.
ACCP 49000 - Accounting & Auditing Research

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.

prereq: ACCP 28000 with a grade of C or CR or better
3 hrs
3 cr.

BUS 22500 - Survey of Accounting

An introductory accounting survey course designed specifically for non-majors to gain understanding of business terminology and the role of accounting in business environment. It will specifically focus on providing students with the ability to understand and effectively analyze financial information using the financial statements of a company (as an external user), as well as internal company information that will enhance business decision-making process such as budgeting (as an internal user), combining both financial and managerial accounting areas. It will also briefly introduce the basics of non-profit accounting while highlighting differences between for-profit and non-profit accounting information needs and presentations. For non-accounting majors only.

Course is used in the Hunter Business Certificate and in the Hunter Arts Management Certificate.

prereq: Not open to undergraduate Accounting majors.
3 hrs.
3 cr.

BUS 23000 - Essentials of Business Law

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable instruments, secured transactions and bankruptcy, business entities. For non-accounting majors only.

Course is used in the Hunter Arts Management Certificate and is an elective in the Hunter Business Certificate.

prereq: Not open to undergraduate Accounting majors.
3 hrs.
3 cr.

ECO 30500 - Development of Economic Thought

GER
3/B

ECO 33100 - Economic History

GER
3/B
ECO 33600 - Regional Economics

GER
3/B

ECO 34600 - The Labor Movement

GER
3/B

ECO 35200 - Economics of the Caribbean

GER
3/B

ECO 42100 - Econometrics

ECO 49500 - Selected Topics in Economics

Jr/Sr majors only. Special readings, research papers and seminar discussions on selected advanced topics announced each semester. May be repeated for total of 6 cr.

prereq: ECO 30000 or 30100
3 hrs
3 cr.

ECO 49600 - Honors Seminar in Economics

Jr/Sr majors only. Special readings, research and seminar discussions on selected topics announced each semester. May be repeated for total of 6 cr.

prereq: 3.5 GPA in economics, perm chair
3 hrs
3 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080

-- or --

prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200
3
3


**SEDC 21000 - Building the Foundations of Literacy in Grades 7-12**

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.  
3 hrs  
3 cr.

**SEDC 21100 - Young Adult Literature in Our Diverse Society**

Familiarizes prospective teachers with a wide variety of literature for or about young adults. Books discussed and dramatized during each session reflect diverse cultures, varying learning styles, and special needs of young adults. The English language arts standards are addressed as delineated in city and state regulations. Literacy and comprehension skills are explored as well.  
prereq or coreq: SEDF 20300, 20400  
3 hrs  
3 cr.

**SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12**

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.  
prereq or coreq: SEDF 20300, 20400  
3 hrs  
3 cr.

**SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12**

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.  
prereq or coreq: SEDF 20300, 20400  
3 hrs  
3 cr.

**SEDC 21500 - Methods I: Classroom Organization, Management, and Instruction in Social Studies, Grades 7-12**

Rationales and methodologies for teaching social studies based on current theories of the nature of students, the social sciences and secondary schooling.  
prereq or coreq: SEDF 20300, 20400  
3 hrs  
3 cr.

**SEDC 22000 - Adolescent Health and Safety**

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education,
child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

**SEDC 32100 - Teaching English Methods to a Diverse Population in Grades 7-12**

Methodology that facilitates the learning of English language arts for a diverse population in secondary schools. Teacher candidates will engage in ways of teaching adolescents the skills of reading, responding to literature, writing (creative and expository), listening, speaking, and applying grammar conventions. They will write lesson and unit plans and experiment with classroom management and assessment techniques as they present lessons to the class for peer and instructor criticisms. State and city teaching standards will be applied throughout the course.

**prereq:** SEDC 21100  
**prereq or coreq:** SEDF 20500, SEDC 21000  
2 hrs per week plus 48 hrs fieldwork  
2 cr.

**SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12**

Standards that impact on the teaching of foreign/heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.

**prereq:** SEDC 21200  
**prereq or coreq:** SEDF 20500, SEDC 21000  
2 hrs per week plus 48 hrs fieldwork  
2 cr.

**SEDC 32300 - Methods II: Teaching Diverse Learners in Mathematics, Grades 7-12**

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in mathematics. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.

**prereq:** SEDC 21300  
**prereq or coreq:** SEDF 20500, SEDC 21000  
2 hrs per week plus 48 hrs fieldwork  
2 cr.

**SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12**

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SED 32500 - Methods II: Teaching Diverse Learners in Social Studies, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in the social studies. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.

prereq: SEDC 21500
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

SEDCP 45100 - Student Teaching in English, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified English teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32100
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.
SEDCP 45210 - Student Teaching in Chinese, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Chinese teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SEDCP 45220 - Student Teaching in French, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified French teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SEDCP 45230 - Student Teaching in German, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified German teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SEDCP 45250 - Student Teaching in Hebrew, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Hebrew teacher in a New York City school selected by
the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SEDCP 45260 - Student Teaching in Italian, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Italian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SEDCP 45270 - Student Teaching in Russian, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Russian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SEDCP 45280 - Student Teaching in Spanish, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Spanish teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

**prereq:** SEDC 32200  
**prereq or coreq:** SEDF 20600  
2 hrs per week, 60 days student teaching plus workshops and conferences  
5 cr.

**SEDCP 45300 - Student Teaching in Mathematics, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified math teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

**prereq:** SEDC 32300  
**prereq or coreq:** SEDF 20600  
2 hrs per week, 60 days student teaching plus workshops and conferences  
5 cr.

**SEDCP 45410 - Student Teaching in Biology, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified biology teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

**prereq:** SEDC 32400  
**prereq or coreq:** SEDF 20600  
2 hrs per week, 60 days student teaching plus workshops and conferences  
5 cr.

**SEDCP 45420 - Student Teaching in Chemistry, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified chemistry teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

**prereq:** SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

**SEDCP 45430 - Student Teaching in Physics, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified physics teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

**SEDCP 45500 - Student Teaching in Social Studies, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified social studies teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

prereq: SEDC 32500
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.

**SEDF 20400 - Adolescent Development**

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork
2 cr.
SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

ECC 30000 - Early Childhood Programs and Curricular Frameworks

Students will gain an in-depth understanding of the array of early childhood programs that comprise the field of early care and education. In addition, students will learn about philosophies and approaches to curriculum that are commonly used in early childhood settings including Montessori education, Reggio Emilia, the Project Approach, High Scope Curriculum, and the Creative Curriculum.

coreq: ECF 20000, ECF 20100
3 hrs
3 cr.

ECC 30100 - Field work/Internship 1

This supervised experience gives students the means to connect conceptual and theoretical information about children in a preschool setting. Students will have the opportunity to examine the developmental progression of early and emergent skills as they relate to infant, toddler, and preschoolers' development. Students will also have the opportunity to discuss developmentally appropriate assessments and how parents/caregivers can document developmental milestones of children birth through age 4.

Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

coreq: ECC 30500
prereq or coreq: ECF 20000, ECC 30000, ECC 30400
50 hrs.
1 cr.
Offered fall and spring

ECC 30100, 30200, 30300 - Field work/Internships

These field work experiences are companion courses for three content classes: ECC 30400, ECC 30800, and ECC 31100. Refer to the four and six- semester sequence charts for a detailed listing of other co-requisites.
ECC 30200 - Field work/Internship 2

This supervised experience gives students the means to connect conceptual and theoretical information about children in kindergarten through second grade. Students will have the opportunity to examine the listening, speaking, reading, and writing development of young children across a variety of cultural and linguistic communities. Students will examine the roles of families, programs, schools, and communities in urban environments, as well as the assessment of early literacy development. Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

prereq: ECF 20000, ECC 30000, ECC 30100, ECC 30400, ECC 30500
coreq: ECC 30600
prereq or coreq: ECF 20100
50 hrs.
1 cr.
Offered fall and spring

ECC 30300 - Field work/Internship 3

This supervised experience gives students the means to connect conceptual and theoretical information about children in first or second grade. Students will have the opportunity to examine developmentally appropriate activities for children and ways of assessing learning in diverse settings. Students will examine the roles of families, programs, schools, and communities in urban environments, as well as the assessment of mathematical and science development. Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30100, ECC 30200, ECC 30400, ECC 30500, ECC 30600, ECC 30800
coreq: ECC 31000
50 hrs.
1 cr.
Offered fall and spring

ECC 30400 - Creative Arts and Play-Based Learning

Theoretical and practical aspects of play, creativity and arts-based learning are the central tenets of this course. Students will gain fundamental knowledge for constructing playful learning experiences across early learning settings, particularly within the context of the standards-based, high-stakes accountability climate of education in the United States and beyond.
ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (B-Prekindergarten)

This course is grounded in research and practice in language learning and the development of early literacy among diverse learners. Examination of the process of literacy development between Birth and age 4 and the role of families, programs and schools in early literacy development.

prereq: 6 credits of foreign language; ECC 30000, ECF 20000, ECF 20100
2 hrs
2 cr

ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade

Theoretical and practical aspects of early childhood literacy instruction with particular emphasis on teaching literacy to diverse populations between the grades of Kindergarten and 2nd grade will be addressed. In addition, the role of family and community involvement and the use of technology for literacy development.

prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500
3 hrs
3 cr.

ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds

An overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will also gain knowledge and skills on working with children who are emerging language learners (ELLs). Assessment and screening strategies will be discussed to meet the educational needs of all students.

prereq: ECF 20000, ECC 30000, ECC 30500
3 hrs
3 cr.

ECC 31000 - Mathematics in Early Childhood

Examines the theories and research that focus on the relationship between children's development and learning of mathematical concepts and skills. Appropriate mathematics activities for children from birth through second grade and ways of assessing mathematical learning in diverse infant, toddler, preschool, and grade K-2 settings.

prereq: MATH 10400; ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800
3 hrs
3 cr.

ECC 31100 - Early Childhood Science and Inquiry-Based Learning

Explores the theories and research of scientific thinking in young children. Assessing science learning in diverse infant, toddler, preschool and grade K-2 settings and how to incorporate the use of community resources in scientific learning.
will be discussed.

**prereq:** Two semesters of natural science which must include: 3 credits eligible to meet CUNY Common Core in Life and Physical Sciences and 3 credits eligible to meet CUNY Common Core in Scientific World (CSCI and ECO courses do not qualify for this requirement); ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500, ECC 30600, ECC 30800

2 hrs

2 cr.

**ECC 31400 - Health, Family, and Community Partnerships**

This course gives students the means to understand how to promote children's health, safety, and nutrition. Students will also gain skills and knowledge needed to foster positive, reciprocal relationships with families of diverse backgrounds. In meeting the NYSDOE mandate, child abuse, drug abuse prevention, prevention of school violence, anti-bullying, and fire safety workshops are included.

**prereq:** ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100

3 hrs

3 cr.

**ECC 40100 - Student Teaching**

Students will complete one semester of student teaching in early childhood settings, including preK settings, kindergarten, first, and second grade classrooms. Students will complete their student teaching in at least two of the following early childhood settings: pre-kindergarten, kindergarten, first grade or second grade. Students will attend seminar for 30 hours during the semester to discuss topics that range from classroom management to supporting children with diverse learning needs. During student teaching, students will complete the Teacher Performance Assessment (edTPA).

**prereq:** ECF 20000, ECF 20100, ECF 40200, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100, ECC 31400

3 hrs

3 cr.

**ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8**

This course will examine the history of child development and the major theories and theorists in the area of child development. An understanding of research strategies and the impact of cultural, biological and environmental influences on the development of young children will also be examined. Current research in the areas of prenatal development, physical, cognitive, language, social, emotional and early brain development will also be discussed.

**prereq:** ENGL 12000

**coreq:** ECF 20100, ECC 30000

3 hrs

3 cr.

**ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education**

An examination and analysis of the social and historical contexts of early childhood education including applications to contemporary issues in the education of young children in families, childcare centers, schools and communities in urban settings.
ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade

Provides students with an understanding of the role of assessment for planning and implementing effective early childhood instruction for young children, ages birth to age eight, from culturally diverse environments and with varied learning needs.

prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr.

EDUC 25000 - Introduction to Urban Education: Topics and Issues around Diversity and Equity (W)

Pluralism and Diversity

PD/B
An introduction to urban education, specifically focusing on both current pedagogical approaches and the various historical, socioeconomic, sociocultural, and political factors that influence schools, with an eye to equity and justice as means to closing the achievement gap for marginalized populations of students.

This course is open to all Hunter students, and does not require admission to a School of Education program.

prereq: ENGL 12000
3 hrs
3 cr.

QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.
3 hrs
3 cr.

QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

coreq: QSTB 20280, QSTP 30000
**QSTA 40680 - Mathematics Teaching and Learning in Elementary School**

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

**prereq:** MATH 10400, 10500, QSTA 41080, 41280, QSTP 30000  
**coreq:** QSTB 41380, QSTP 30200

2 hrs  
2 cr.

**QSTA 40780 - The Arts: An Interdisciplinary Learning Experience**

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

**prereq:** QSTA 40180, QSTB 20280, QSTP 30000

3 hrs  
3 cr.

**QSTA 41080 - Literacy Across the Content Areas**

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

**prereq:** QSTA 40180, QSTB 20280, QSTP 30000  
**coreq:** QSTA 41280, QSTP 30100

2 hrs  
2 cr.

**QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools**
Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000  
coreq: QSTA 41080, QSTP 30100  
2 hrs  
2 cr.

**QSTA 41480 - Teaching Science in Elementary Schools**

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co-requisite student teaching in science.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40680, 41080, 41280, QSTP 30100  
coreq: QSTAP 41580  
2 hrs  
2 cr.

**QSTAP 41580 - Student Teaching**

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 40680, 40780, QSTB 41380, QSTP 30200, HED 31400  
coreq: QSTAP 41480  
2 per week of seminar plus student teaching  
4 cr.

**QSTB 20280 - Child Growth and Development**

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.
**QSTB 40380 - Social Foundations of Urban Education**

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.

*prereq: QSTA 40100, QSTB 20200, QSTAB 30000*

2 hrs

2 cr.

**QSTB 41380 - Psychology of Teaching and Learning**

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.

*prereq: QSTA 41000, 41200, QSTAB 30100*

*coreq: QSTA 40600, QSTF 30200*

2 hrs

2 cr.

**QSTP 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading**

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.

*Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.*

*coreq: QSTAP 40180, QSTB 20280*

*prereq or coreq: QSTAP 40080, HEDP 31400*

75 hrs

1 cr.

**QSTP 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools**

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will
complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

**prereq:** QSTAP 40180, QSTB 20280, QSTP 30000  
**coreq:** QSTAP 41080, 41280  
75 hrs  
1 cr.

**QSTP 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning**

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

**prereq:** QSTAP 41080, 41280, QSTP 30100  
**coreq:** QSTAP 40680, QSTB 41380  
75 hrs  
1 cr.

**DANED 30200 - Theory and Practice of Teaching Dance (pre-K-12)**

Methods of teaching dance in grades pre-K-12 to students with diverse backgrounds and abilities in diverse learning environments; the organization of instruction and classroom management strategies; technological resources; community and family resources.

Field work required.  
DANED changed to DANEP - effective Spring 2018 -  
**prereq:** completed 12 cr in dance or perm dance adviser  
**prereq or coreq:** SEDF 20400  
3 hrs plus 36 hours fieldwork  
4 cr.

**SEDCP 45600 - Student Teaching in Dance, Grades Pre-K-12**

Two 30-day supervised placements (one in grades pre-K-6 and one in grades 7-12) in New York City public schools selected by Hunter College. Special Conditions: Students must apply for student teaching the fall semester before enrolling in this course. Scores on the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examination must have been received by the coordinator of adolescent education prior to enrollment in student teaching.
Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq or coreq: SEDF 20600, SEDC 22000
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

**HED 20100 - Women and Health**

**Pluralism and Diversity**
PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.
cross-listed WGSP 25100
3 hrs
3 cr.

**HED 30500 - Sex Education**

An overview of human sexuality through affective processes with an emphasis on social and cultural influences, and the role of family and school in sexuality education.
3 hrs
3 cr.

**HED 30600 - Drugs and Drug Dependencies**

The nature of addiction and dependency. The course focuses on social learning theory and the role of family, school, and community in drug prevention education.
3 hrs
3 cr.

**HED 48000 - Independent Study in Health Education**

An exploration in an area of special interest with faculty guidance. Topic to be approved by adviser.
30-45 hrs
1-3 cr.

**HEDP 31400 - Health Education for the Classroom Teacher**

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.
HED changed to HEDP - effective Spring 2018 -
coreq: QSTAP 40080
3 hrs
3 cr.

**EDUC 49000 - Honors Course in Educational Research**
Individual research in education. Admission by permission of the chairperson.

**prereq:** full education sequence including student teaching; 3.5 GPA in education courses and cumulative GPA of 2.8.

2 hrs
2 cr.

**ENGL 00200SL - Reading II**


3 hrs
2 cr.

**ENGL 00400SL - English for Bilingual Students II**

Frequent paragraphs and essays: organizing, correcting grammar and sentence structure. Placement test required.

6 hrs + conf
1 cr.

**ENGL 00500SL - English for Bilingual Students III**

Frequent essays: organizing ideas, revising, improving sentence variety, idiomatic structure. Placement test required.

3 hrs + conf
2 cr.

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour
3 cr.

**ENGL 25000 - Topics in Literature**

**Hunter Core**

Creative Expression (CE)

**Pluralism and Diversity**

PD/A or B or C or D

**GER**

2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

**prereq:** ENGL 22000
ENGL 25100 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.
prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 25400 - Survey of British Literature II: the Eighteenth Century to the Present

Pluralism and Diversity
P/D D
GER
3/A

Chronologically arranged readings in British literature from the 18th to the 20th century.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 25500 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Each course examines literature written in the English language by writers in non-European traditions. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 25600 - Topics in Literature by Non-European Americans (W)**

**Pluralism and Diversity**

PD/B

GER

3/A

Each course is an examination of one or more of the following groups: African Americans, Asian Americans, Latino Americans, Native Americans and Caribbean Americans. May be repeated once for credit with a different topic.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 25800 - Topics in Literature by Women (W)**

**Pluralism and Diversity**

PD/C

GER

3/A

Selected works by women written in English will be studied with emphasis on the diversity of women's lives and the effect of gender on experience. May be repeated once for credit with a different topic.

*cross-listed WGS 25800 (W)*

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 35800 - Topics in Literature**

Topics vary from semester to semester. May be repeated once for credit with another topic.

*prereq: ENGL 22000*

3 hrs.
3 cr.

**ENGL 28000 - The Structure of Modern English**

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 30200 - Introduction to Literary Analysis (W)**

GER

3/A
Study of selected authors, works, genres, or time periods emphasizing various modes of critical analysis and methods of research.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 30300 - Western Literary Backgrounds of British and American Literature**

**Pluralism and Diversity**

PD/D

Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century**

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 30500 - Studies in Children's Literature**

**GER**

3/A

Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 30600 - Introduction to Literary Theory (W)**

**GER**

3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 30700 - Survey of American Literature: From Origins to the Civil War**
An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

**ENGL 31700 - Topics in Non-European Literary Traditions (W)**

**Pluralism and Diversity**
**PD/A**
**GER**
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

**ENGL 31800 - Topics in Literature of Non-European Americans (W)**

**Pluralism and Diversity**
**PD/B**
**GER**
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

**ENGL 31900 - Topics in Literature by Women (W)**

**Pluralism and Diversity**
**PD/C**
**GER**
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.

**ENGL 32000 - Multi-Ethnic American Literature (W)**
Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32200 - Topics in Gender and Sexuality in Literature

Pluralism and Diversity
PD/C

Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B

Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32500 - Post-Colonial Literature in English (W)**

*Pluralism and Diversity
P&D A
GER
3/A*

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32600 - Topics in US Latina/o Literature**

*Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32700 - Topics in Caribbean Literature (W)**

*Pluralism and Diversity
PD/A
GER
3/A*

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32900 - Topics in Cross-Cultural Literature in English (W)**

*GER
3/A*
Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 33000 - Sociolinguistics**

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 33200 - History of the English Language (W)**

The diversity and spread of English across the globe. The effects of language contact on English.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 33300 - Topics in Language and Linguistics**

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 33400 - Beowulf and Other Early Texts**

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 33500 - Chaucer**

**Pluralism and Diversity**

PD/D

GER
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.
ENGL 33600 - Medieval Literature (1100-1500)

GER
3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres.

ENGL 33700 - Literary Aspects of Folklore

GER
3/A

Studies of folktales, ballads and legends in their relationship to written literature.

ENGL 33900 - Survey of British Literature II: The Eighteenth Century to the Present

A survey of British Literature from the eighteenth century to the present, encompassing a range of authors and genres, and employing a variety of interpretive strategies.

ENGL 34000 - History of Rhetoric

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.

ENGL 34100 - Rhetorical Criticism

GER
3/A
This course will focus on rhetorical criticism as a genre of academic writing.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34200 - Topics in Rhetoric

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 34800 - English Across the World
This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 35000 - Renaissance Drama

Pluralism and Diversity
GER 3/A
A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A
Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A
A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A
Study of works from first half of Shakespeare's career.
ENGL 35400 - Shakespeare II

**Prerequisite:** ENGL 22000
3 hrs
3 cr.

**ENGL 35000 - Topics in Shakespeare (W)**

**GER**
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme
**Prerequisite:** ENGL 22000
3 hrs
3 cr.

**ENGL 35900 - Topics in Seventeenth-Century Literature**

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
**Prerequisite:** ENGL 22000
3 hrs
3 cr.

**ENGL 36000 - The 17th Century**

**Prerequisite:** ENGL 22000
3 hrs
3 cr.

**ENGL 36100 - Milton**
Poetry and selected prose of Milton, with special emphasis on Paradise Lost.

**ENGL 36200 - English Drama of Restoration and 18th Century**

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.

**ENGL 36300 - Topics in Milton**

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

**ENGL 36400 - The Age of Satire**

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.

**ENGL 36500 - The Later 18th Century**
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36800 - The 18th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36900 - The 19th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37200 - Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.

prereq: ENGL 22000
ENGL 37300 - Victorian Literature (W)

**Pluralism and Diversity**
**PD/D**
**GER**
**3/A**

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, Newman, Dickens, the Brontes, George Eliot, and Thackery.

*prereq: ENGL 22000*

ENGL 37400 - 20th and 21st Century British and Irish Poetry

**Pluralism and Diversity**
**PD/D**
**GER**
**3/A**

Study of various poetries and poetry movements emergent in the 20th and 21st centuries in their cultural, social, and historical contexts.

*prereq: ENGL 22000*

ENGL 37500 - 20th and 21st Century American Poetry

**GER**
**3/A**

Study of various poetries and poetry movements emergent in the 20th and 21st centuries in their cultural, social, and historical contexts

*prereq: ENGL 22000*

ENGL 37600 - 20th and 21st Century British and Irish Fiction

**Pluralism and Diversity**
**PD/D**
**GER**
**3/A**

Study of representative fiction in its cultural, social, and historical contexts.

*prereq: ENGL 22000*
3 hrs
3 cr.

ENGL 37700 - 20th and 21st Century American Fiction

GER
3/A

Study of representative fiction in its cultural, social, and historical contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37800 - 20th and 21st Century British and Irish Drama

Pluralism and Diversity
PD/D
GER
3/A

Study of representative drama in its cultural, social, and historical contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37900 - 20th and 21st Century American Drama

GER
3/A

Study of representative drama in its cultural, social, and historical contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38000 - Irish Literary Renaissance

Pluralism and Diversity
PD/D
GER
3/A

Study of Irish writers of the early 20th century in relation to their cultural, social, and historical contexts. Authors may include Joyce, O'Casey, Synge and Yeats.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38100 - Topics in Theory and Criticism
Focused study in literary theory and/or criticism. Topics vary and may include focus on specific historical, cultural, and philosophic perspectives, or on a single theory and/or theorist. May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 38200 - Topics in Medieval Literature**

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 38300 - Topics in Renaissance Literature**

**GER**

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 38400 - Topics in Restoration and 18th Century Literature**

**GER**

3/A

Topics vary from semester to semester.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 38500 - Topics in 19th Century Literature**

**GER**

3/A

Topics vary from semester to semester.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 38600 - Topics in British and American Literature**
Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.

*prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38700 - Topics in British and/or Irish Fiction

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.

May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

*prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39000 - Topics in 20th Century Literature (W)
GER
3/A

Selected works from the 20th century originally written in English will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39100 - Topics in British and/or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39400 - World Literature: Drama

GER
3/A

Selected plays, classical, medieval and modern, including dramatic criticism.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39700 - Pre-20th Century American Poetry
Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 39800 - Topics in American Fiction**

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr.

**ENGL 39900 - Topics in American Multi-Genre Literature (W)**

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr.

**ENGL 48200 - Special Studies Seminar**

GER
3/A

1 hr
1 cr.

**ENGL 48300 - Special Studies Seminar**

GER
3/A
ENGL 48400 - Advanced Seminar in Creative Writing

GER
3/A

Advanced seminar in a specific genre of creative writing (fiction, poetry, or creative non-fiction), with an emphasis on craft, style, and/or strategies for creative writers.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28500 (formerly 30000), ENGL 30400, ENGL 30700, level I and level II workshops in specified genre (30800 and 30900; 31100 and 31300; or 31400 and 31600).

3 hrs
3 cr.

ENGL 48469 - Advanced Poetry Writing

GER
3/A

400-level writing course

3 hrs
3 cr.

ENGL 48476 - Narrative Forms: Strategies in Fiction Writing

400-level writing course

3 hrs
3 cr.

ENGL 48483 - Character, Class, Conflict in Contemporary Fiction

GER
3/A

400-level writing course

3 hrs
3 cr.

ENGL 48491 - Creative Non-Fiction

GER
3/A

400-level writing course

3 hrs
3 cr.

ENGL 48500 - Individual Tutorial Project
Research paper or substantial creative work written under direction of a full-time instructor.

**prereq:** perm instr.
1 sem
3 cr.

**ENGL 49000 - Advanced Seminar in Literature and Criticism**

Focused study of and research on a selected author or authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme.

**prereq:** a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 30400 (currently ENGL 33800), ENGL 30600, ENGL 30700 (currently ENGL 39500); and one of ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900
3 hrs.
3 cr.

**ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric**

Advanced-level study of a special focus in Linguistics and/or Rhetoric, with a goal of producing a substantial piece of research writing. Focus may vary from semester to semester.

**prereq:** a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28000, ENGL 30100; at least one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and at least one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, or ENGL 34800; and two courses at 300 or 400 level
3 hrs
3 cr.

**ENGL 49400 - Honors Seminar: Special Studies**

**Pluralism and Diversity**
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.

**ENGL 49800 - Internship**

GER
3/A

Opportunities of working in positions of responsibility in professional institutions for academic credit.

**prereq:** perm coordinator
1-6 hrs
1-6 cr.
ENGL 34300 - Topics in Composition Studies

Focused study of aspects of composition theory and/or practice. Topics vary from semester to semester and may include the history of composition studies, new media and digital studies, and/or writing across the curriculum. May be repeated once for credit with a different topic.

 prerequisite: ENGL 22000
3 hrs
3 cr.

XXX XXXXX - Writing Precept

Focus on grammar, sentence structure, and essay organization.
 prerequisite: perm dept
hrs TBA

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
 prerequisite: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods

Additional practice in expository writing; small classes (8-10).
 prerequisite: ENGL 12000
3 hrs
3 cr.

ENGL 21800 - Advanced Expository Writing

Frequent writing practice, with emphasis on clarity, style and organization.
 prerequisite: ENGL 12000
3 hrs + conf
3 cr.

ENGL 28500 - Introduction to Creative Writing

GER
3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods. Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses,
ENGL 30100 - Composition Theory and Practice

**GER**

3/A

Study of the theory and practice of academic composition.

*prereq: ENGL 22000*  
3 hrs  
3 cr.

ENGL 30800 - Workshop in Non-Fiction I

**GER**

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.

*prereq: ENGL 30000*  
3 hrs  
3 cr.

ENGL 30900 - Workshop in Non-Fiction II

**GER**

3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.

This course may be repeated once for credit.

*prereq: ENGL 30000 and 30800*  
3 hrs  
3 cr.

ENGL 31100 - Workshop in Fiction I

**GER**

3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of fiction.

*prereq: ENGL 30000*  
3 hrs  
3 cr.
ENGL 31300 - Workshop in Fiction II

GER
3/A

A continuation of ENGL 31100, with increasing emphasis on craft and revision. This course may be repeated once for credit.

prereq: ENGL 30000 and ENGL 31100
3 hrs
3 cr.

ENGL 31400 - Workshop in Poetry I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of poetry.

prereq: ENGL 30000
3 hrs
3 cr.

ENGL 31600 - Workshop in Poetry II

GER
3/A

A continuation of ENGL 31400, with increasing emphasis on craft and revision. This course may be repeated once for credit.

prereq: ENGL 30000 and ENGL 31400
3 hrs
3 cr.

ENGL 48455 - Advanced Prose Writing

GER
3/A

400-Level Writing Course

FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
FILMP 15000 - Media & Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.

cross-listed MEDP 15000

prereq or coreq: MEDIA 18000, FILM 10100

FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000

prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)

FILM 20100 - Close Film Analysis

GER

3/A

Close study of a selected motion picture.

prereq: FILM 10100

FILM 21100 - Film History I: 1895-1945

Pluralism and Diversity

PD/D

GER

3/A

Survey of film history and theory from the silent era to 1945.

prereq: FILM 10100

FILM 21200 - Film History II: Since 1945

Pluralism and Diversity

PD/D

GER

3/A
Survey of film history and theory from 1946 to the present.
*prereq: FILM 10100 or MEDIA 18000*
4 hrs
3 cr.

**FILM 21300 - National Cinema**

Pluralism and Diversity
PD/D or A
GER
3/A

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.
*prereq: FILM 10100*
4 hrs
3 cr.

**FILM 21305 - National Cinema: Italian Cinema**

Pluralism and Diversity
PD/D
GER
3/A

*prereq: FILM 10100*
4 hrs
3 cr.

**FILM 21344 - Israeli Cinema**

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema.
*cross-listed* HEBR 22000
*prereq: FILM 10100*

**FILM 21351 - National Cinema: French New Wave**

Pluralism and Diversity
PD/D
GER
3/A

*prereq: FILM 10100*
4 hrs
3 cr.

**FILM 21355 - National Cinema: Asian Cinema**

**Pluralism and Diversity**
PD/A
GER
3/A

*prereq: FILM 10100*
4 hrs
3 cr.

**FILM 21400 - Multicultural Perspectives in Cinema**

**Pluralism and Diversity**
PD/B (214.51 only)
GER
3/A

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.

*prereq: FILM 10100*
4 hrs
3 cr.

**FILM 21500 - Women and Film**

**Pluralism and Diversity**
PD/C
GER
3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.

*prereq: FILM 10100*
4 hrs
3 cr.

**FILM 22200 - Topics in Genre Studies**

GER
3/A

Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.

*prereq: FILM 10100*
4 hrs
3 cr.
FILM 2252 - Topics in Genre Studies: "The Woman's Film" of the 1940s

Pluralism and Diversity
PD/C
GER
3/A

This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.
cross-listed WGSA 222.52
prereq: FILM 10100
4 hrs
3 cr.

FILM 22300 - Topics in LGBTQ Film and Media

Pluralism and Diversity
PD/C

An examination of various film and media topics as they relate to lesbian, gay, transgender and queer issues. May be repeated for credit under a different topic.
cross-listed MEDIA 29600
prereq: FILM 10100 -or- MEDIA 18000
4 hrs
3 cr.

FILM 22400 - Cinematic Space

GER
3/A

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.
prereq: FILM 10100, 20100
4 hrs
3 cr.

FILM 23000 - Movies in American Culture

GER
3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.
prereq: FILM 10100
4 hrs
3 cr.

FILM 23100 - Studies of Selected Directors
Pluralism and Diversity
GER 3/A
Study of aesthetic and cultural implications of authorship as developed and practiced in cinema. May be repeated for credit with a different topic.
prereq: FLM 10100, 20100
4 hrs
3 cr.

FILM 23200 - Experimental Film and Video

Pluralism and Diversity
PD/D
GER
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.
prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).
4 hrs
3 cr.

FILMP 25100 - Film Production I

Introduction to the fundamentals of filmmaking, writing, cinematography and editing.
Material Fee: $20
prereq: MEDP/FLMP 16000; open to majors only or perm instr.
4 hrs
3 cr.

FILMP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.

cross-listed MEDP 28600
prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr.

FILPL 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
3 cr.

Media 23000 - Movies in American Culture

GER
3/A
Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.

prereq or coreq: FILM 10100, 21100 or FILM 21200
3 hrs
3 cr.

FILM 22700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr.

FILM 31500 - Nonfiction Film and Video

GER
3/A

Study of the history and theory of the nonfiction film and video, with screenings of examples of documentary, propaganda, and direct cinema and video.
Except as otherwise noted, ENGL 12000 is pre-requisite for all 30000- and 40000-level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr.

FILM 32200 - Contemporary Film Theory

Pluralism and Diversity
PD/D
GER
3/A

This course will address a range of theoretical writings on the cinema that were primarily produced during the 1970s and after.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.
prereq: FILM 10100 and FILM 20100
4 hrs
3 cr.

FILM 32300 - Film Technology and Aesthetic Theory
GER
3/A

Study of the relationship between film technology and film theory. May be repeated for credit with a different topic. Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and 20100
4 hrs
3 cr.

FILM 32351 - Aesthetics of Film Sound

GER
3/A

Examination of the history, theory and aesthetics of the relationship between film sound and image. Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.

prereq: FILM 10100, 20100
4 hrs
3 cr.

FILM 32400 - Narrative Strategies

GER
3/A

Study of narrative techniques in cinema

Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and 20100 or 23100
4 hrs
3 cr.

FILM 32600 - America in American Film and Video

GER
3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points. Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, 21100 or 21200
3 hrs
3 cr.

FILM 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
**FILM 33200 - Myths and Images in the Media**

**GER**

3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** FILM 10100

4 hrs

3 cr.

**FILM 33300 - Styles and Theories of Film Acting**

**GER**

3/A

Study of film acting with regard to theoretical structures and aesthetic practice. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** FILM 10100, 20100

4 hrs

3 cr.

**FILM 33400 - Theatricality and the Presentation of Self**

**GER**

3/A

Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** FILM 10100 and any 200-level FILM course

4 hrs

3 cr.

**FILM 34400 - History of Cinematography**

**GER**

3/A

Survey class addressing key developments in the history and aesthetics of cinematography.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** FILM 10100 and FILM 20100

4 hrs

3 cr.
FILM 39100 - Problems in Film Research

GER

Study of basic methods of solving problems in the field of cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, 20100, 21100 or 21200

3 hrs
3 cr.

FILM 39700 - Topics in Film History

Pluralism and Diversity
PD/D
GER

A focused examination of specific issues and moments in film history. May be taken twice for credit under a different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and FILM 21100 or 21200 or 21300

4 hrs
3 cr.

FILMP 31100 - Directing Documentary Video Production

Exploration of the aesthetics of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: MEDP 28100; open to film/media majors only or perm instr.

4 hrs
3 cr.

FILMP 34100 - Producing the Film

Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 25100, FILMP 27600

3 hrs
3 cr.

FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.
Material Fee: $20

prereq: FILMP 25100, FILMP 27600 open to film/media majors only or perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
FILMP 37100 - Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images. Except as otherwise noted, ENGL 120 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 251, FILMP 276; open to film/media majors only or perm instr.

4 hrs
3 cr.

FILMP 37200 - Screen Directing II

Continuation of FILMP 37100.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 37100 or permission of instructor

4 hrs
3 cr.

FILMP 38100 - Techniques of Cinematography

Advanced cinematographic techniques such as sensitometry, effects lighting and special effects.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 35200 or permission of instructor

4 hrs
3 cr.

FILMP 38200 - Narrative Editing

Narrative editing concepts, theories and techniques. Editing exercises explore the aesthetic and practical components of the craft and introduce advanced digital editing tools.

prereq: FILMP 25100

4 hrs
3 cr.

FILMP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.

3 hrs
3 cr.

FILMP 38400 - Film and Video Production

Production of short films with each student assigned to specific crew positions.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 35200, and permission of instructor.

variable hrs
3 cr.
FILPL 31600 - Experimental Production

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.
prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
3 cr.

FILPL 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.
prereq: FILMP 27600
4 hrs
3 cr.

MEDIA 36300 - Concepts in Gaming

This analytical seminar examines gaming through the study of the history of games, the role of narrative and language in games, game structures, interaction paradigms, rule-creation, and theories of play. It familiarizes students with important approaches to games and play developed by both the art world and popular culture during the 19th and 20th centuries. Students will be encouraged to play with these approaches in their written assignments. Each week we read, discuss, and study games to explore possibilities of gaming elements within media arts, artistic practice, and performance. A game is itself a language, and it is this language we seek to understand. This course explores all kinds of games, from artists’ games to common children's games. Students examine historical and contemporary artist's projects, including dance, installation, computer games, and performance, as well as look at the game as a tool for abstraction, storytelling, and activism.
prereq: Media 18000, one other Media analytical course, or instructor permission. MEDIA 28000 recommended.
3 hrs.
3 cr.

MEDP 36200 - Information Graphics

This is a lab-based design course in which students create, develop and produce information graphics while learning information design principles. The class will introduce thinkers and artists from various fields. We will look at a mix of contemporary and historical methodologies, analyze a variety of visual design approaches and examine critical texts on data visualization. Students will be expected to learn how to use both raster and vector software packages used in graphic production. Assigned projects will incorporate techniques and ideas covered in class.
prereq: This course should be available as an option to count towards Required Production Credit within the Emerging Media concentration.
3 hrs.
3 cr.

MEDP 37000 - Game Programming I

This course serves as an introduction to game design in the Unity 3D game engine. It will also serve as an introduction to programming in C#. 2D Games will be created using sprites made in Photoshop or another image editor. 3D games will use assets created in Maya, an alternate 3D modeling tool, or basic geometry. The course will cover game design principles with a strong emphasis on learning the cycle of prototyping, playtesting, iterative design and publishing. The end goal will be to create a portfolio-ready final piece. Library research is not expected for this course. This course is
focusing on the procedural thinking, aesthetic expression and critical thinking needed for game programming, therefore it will not require extensive written papers.

**MEDP 37100 - Game Programming II**

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of game development tools and approaches while exploring a variety of theoretical, social, and other aspects of modern game culture. We will learn how to program controller input, create graphical output, develop environmental rules and follow debugging best practices. Throughout the course, we will look critically at large budget, experimental games and mobile games, and explore concepts like procedural rhetoric and player agency. The class will use easy-to-learn, industry standard programming environments like p5.js or Processing.

**FILM 29900 - Special Topics in Film**

GER

3/A

Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.

**FILM 39900 - Studies in Film**

GER

3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**FILM 40100 - Independent Research**

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**FILM 40200 - Honors Project**

Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.

3 hrs
3 cr.

**FILM 49800 - Internship**

Opportunity to gain professional experience.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, two other FILM courses or equiv; perm dept and host institution

1-6 cr, 40 working hrs per cr.

**FILM 49900 - Advanced Seminar**

Selected topics in cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: perm instr.

4 hrs
3 cr.

**FILMP 39900 - Special Topics in Advanced Film Practice**

Offered periodically with the specific topic listed in the schedule of classes.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: perm instr.

4 hrs
3 cr.

**FILMP 45100 - Film and Video Production Seminar**

Individual student films produced under faculty supervision.
Material Fee: $20 May be taken twice for credit.

cross-listed MEDP 45100

prereq: FILMP 35200 and perm instr.

prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

3 hrs
3 cr.

**FILMP 49800 - Internship**

Opportunity to gain professional experience

40 working per. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, two other film courses or equiv; perm dept and host institution

1-6 cr, 40 working hrs per cr.

**MEDP 29900 - Special Topics in Media Production**

Taught periodically, with topic listed in Schedule of Classes.

prereq: MEDIA 180, others variable

3 hrs
3 cr.
MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

MEDIA 21100 - News Literacy in a Digital Age

Hunter Core
English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

MEDIA 22700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism; and other forms of American popular culture.

prereq: MEDIA 18000
4 hrs
3 cr.

MEDIA 26000 - Internet and Society

GER
3/A

The Impact of the Internet on American and global society.

prereq: MEDIA 18000 or permission of instr.
3 hrs
3 cr.

MEDIA 27100 - Television Culture
GER
3/A

Theoretical analysis of the production and reception of televisual texts, with close reading of particular texts.

*prereq: MEDIA 18000
3 hrs
3 cr.*

MEDIA 27500 - Media and Politics

GER
3/A

The impact of the electronic media on American politics.

*prereq: MEDIA 18000
3 hrs
3 cr.*

MEDIA 28000 - Radio, Television and Podcasting

GER
3/A

The convergence of media, communications technologies, art, design, and culture. It is intended to familiarize students with important approaches in new media, focusing on the history of the medium and the conceptual history of interactivity in art and communication.

*prereq: MEDIA 18000
3 hrs
3 cr.*

MEDIA 28400 - Women and Media

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.

*cross-listed WGS A 38400 (W)
prereq: MEDIA 18000
3 hrs
3 cr.*

MEDIA 29600 - Topics in LGBTQ Film and Media

Pluralism and Diversity
PD/C

An examination of various film and media topics as they relate to lesbian, gay, transgender and queer issues. May be repeated for credit under a different topic.
cross-listed FILM 22300
prereq: FILM 10100 -or- MEDIA 18000
4 hrs
3 cr.

MEDIA 29800 - Special Topics in Media Studies

GER
3/A

A course on film and media studies taught periodically, with topic listed in Schedule of Classes. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000 or FILM 10100
4 hrs
3 cr.

MEDIA 29853 - The Horror Film

GER
3/A

A historically informed exploration of the international horror film genre in cultural context. Includes a consideration of filmic conventions, marketing practices, and audience reception. We will explore cultural fears, and how art and industry manage to express and profit from those fears.
prereq: MEDIA 18000 or FILM 10100
3 hrs
3 cr.

MEDIA 29900 - Special Topics in Media Studies

GER
3/A

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr.

MEDIA 31300 - The Culture of Publicity

GER
3/A

An in-depth historical understanding of public relations, social image-management, and opinion engineering in the U.S. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
3 cr.
MEDIA 31400 - Public Relations: Theory and Practice (W)

GER
3/A

An examination of principal techniques and strategies in public relations, including critical analysis of its social uses. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses. 

prereq: MEDIA 18000 & MEDP 20100
3 hrs
3 cr.

MEDIA 31500 - Nonfiction Film and Video

GER
3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

prereq: MEDIA 18000
4 hrs
3 cr.

MEDIA 32600 - America in American Film and Video

GER
3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Challenges by developing-world films and filmmakers to Western media stereotypes.

prereq: MEDIA 18000
4 hrs
3 cr.

MEDIA 33200 - Myths and Images in the Media

GER
3/A
Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 33300 - Typecasting

GER
3/A

A history of the relationship between stereotyping as a social, cultural and psychological language and the rise of modern society.

MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

prereq: MEDIA 180 and either MEDIA 327 or MEDIA 384 or perm instr.
3 hrs
3 cr.

MEDIA 36500 - Digital Copyright

GER
3/A

An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-to-peer trading, digital rights management, and third party liability for information service providers.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 37000 - The Press and the Public

GER
3/A

Analysis and discussion of relationship of the press to great issues of our time.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 37300 - Journalism as Literature

GER
3/A

An examination of the relationships between journalism and literature, including literary journalism, the journalistic prose of major imaginative writers, and the stylistic characteristics of hard news reporting.

prereq: MEDIA 18000
3 hrs
3 cr.
MEDIA 37400 - Media, Sports, and Society

GER
3/A

Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 37800 - Television Genres

This course provides an overview of the array of genres that have defined and organized the television landscape across its history, considers how genre theory applies to the television industry, and examines genre-specific approaches to issues of representation.

prereq: MEDIA 27100 -or- 37100
3 hrs
3 cr.

MEDIA 38000 - History of Broadcasting

GER
3/A

Broadcasting's roots in industrialization and influence on modern society.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 38100 - Propaganda and the Mass Media

GER
3/A

Study of mass media (broadcast, film, print) as forms for propaganda.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 38300 - Popular Music and the Music Industry

GER
3/A

Exploration of social and cultural significance of popular music; history, structure, and economics of music industry. Particular emphasis on popular music from fifties to present.

prereq: MEDIA 18000
MEDIA 38600 - Media Ethics

GER 3/A

This course will acquaint students with important ethical principles and professional norms in the news industry and other mass media. Students will be introduced to theories that inform ethical practice, explore important journalistic and mass and social media ethical failures and emerging areas of ethical challenges.

prereq: MEDIA 18000

MEDIA 39000 - Broadcast Journalism

GER 3/A

Broadcast Journalism is a focused study of how journalism has evolved from radio, television, cable television, and the Internet; how it is distributed on social media; the growing popularity of podcasts; and how news distribution on various platforms relates to the social, economic, and political context of American culture and society.

prereq: MEDIA 18000

MEDIA 39100 - History of Print Journalism

GER 3/A

Development of newspapers and magazines as social force.

prereq: MEDIA 18000

MEDIA 39400 - Media and Law in the Digital Age

GER 3/A

This course focuses on how legislative actions and judicial decisions have affected the dissemination of ideas, information and images in American society via print, electronic transmission and new forms of emerging media. Among the topics considered are libel, privacy rights, government data access, copyright, and freedom of expression in the digital age.

prereq: MEDIA 18000
MEDIA 39500 - Mass Media in Developing Countries

Pluralism and Diversity
PD/A
GER
3/A

Exploration of impact of transnational corporations on developing countries and issues of cultural domination.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39600 - Global Communication

GER
3/A

This course explores international media—its history and organization and how it shapes the culture and behavior of people around the world. It considers the workings of key international media industries such as global news, film, the TV and music industries, telecommunications and the Internet. The course also addresses the impact of American media around the world and competing media industries in other countries.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39700 - Fandom and Television

GER
3/A

This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by audience fandom, to the mainstreaming of cult audience behavior for high-rated programs today. This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by fan audiences, to the mainstreaming of cult audience behavior for high-rated programs today.
prereq: MEDIA 27100
3 hrs
3 cr.

MEDIA 39800 - Complex Television Narratives (W)

This course examines the historical emergence and characteristics of long-term arc-driven TV serials. Emphasis will be on the narrative strategies and formal features of dramatic serials, with some attention to complex comedies. This course falls under the Media Analysis and Criticism concentration of the Media major.
prereq: MEDIA 27100 (Television Culture, previously MEDIA 37100) or MEDIA 37100 or MEDIA 39700 (Cult Television Theory and Audiences) or Permission of instructor
3 hrs
3 cr.

MEDIA 39900 - Advanced Topics in Media Studies
GER
3/A

Taught periodically, with topic listed in Schedule of Classes.

prereq: MEDIA 18000, others variable
3 hrs
3 cr.

MEDIA 49900 - Advanced Seminar

Readings, discussion, and papers on significant problems in fields of media studies.

prereq: perm instr.
3 hrs
3 cr.

MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

cross-listed FILMP 15000
prereq or coreq: MEDIA 18000, FILM 10100
4 hrs
3 cr.

MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.

cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr.

MEDP 23400 - Creative Code

This course explores the expressive potential of computer programming in media production and provides a theoretical framework for interdisciplinary artistic practices that use generative systems in their creation including drawing, poetry, music, and video production.

prereq: MEDP 15000
3 hrs
3 cr.

MEDP 25000 - Digital Design and Usability

This course introduces students to the fundamentals of 2D design and interaction design for digital media. The class approaches the subject from a creative and conceptual perspective. Students choose which digital production tools are most effective to address specific creative design problems.

prereq: MEDP/FILMP 15000
MEDP 26000 - Introduction to 2D Animation

This hands-on class is an introduction to animation using 2D digital tools. Historical precursors to digital animation including experimental and animated film as well as contemporary animation will be screened. Class time will consist of screenings, in-class demonstration, production and critique.

 prereq: MEDIA 18000, MEDP 15000, MEDP 16000

4 hrs.
3 cr.

MEDP 26200 - Motion Graphics

This course provides a practical introduction to the creative possibilities of producing computer-generated motion graphics. Temporal development is the core of many digital arts, which include video, digital animation, music, web-casting and new media performance. This course explores the theory and application of motion graphics that are created, processed, and then re-presented in time

 prereq: MEDP 15000, FILMP16000/MEDP 16000, MEDP 26000

3 hrs.
3 cr.

MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.

Material Fee: $20

 prereq: MEDP/FILMP 16000

3 hrs
3 cr.

MEDP 28200 - Studio Television Production

Elements of multi-camera studio production.

 prereq: MEDP/FILMP 15000

 coreq: MEDP/FILMP 16000 (or MEDIA/FILM 15100)

3 hrs
3 cr.

MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.

 prereq: MEDP/FILMP 15000

3 hrs
3 cr.
MEDP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.

cross-listed FILMP 28600

prereq: FILMP 25100 or MEDP 28100

3 hrs

3 cr.

MEDP 31000 - Advanced TV Studio Production

An advanced multi-camera television studio workshop and a continuation of Studio Television Production.

prereq: MEDP 28100, 28200

3 hrs

3 cr.

MEDP 31100 - Documentary Video Production 2

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.

Material Fee: $20

prereq: MEDP 28100 or FILMP 35200

prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

4 hrs

3 cr.

MEDP 31200 - Advanced Documentary Digital Editing

The aesthetic and technical considerations in editing the documentary video using digital equipment.

Material Fee: $20

prereq: MEDP 31100 or perm instr.

4 hrs

3 cr.

MEDP 33100 - Web Production II

An exploration of the production of Internet-distributed media, especially animation, sound, and video, using GIF Animation, Flash, and sound tools.

prereq: MEDP 28500

3 hrs

3 cr.

MEDP 34100 - Web Programming

Advanced programming skills for website design. Dynamic content development explored through state of the art programming languages for the creation of interactive web sites. Students will create web pages that utilize the most current techniques in web development. The curriculum in this class emphasizes an integrated and creative approach to web programming, including detailed instruction and practice in the technical aspects. It is designed to give students a basic introduction to the tools and techniques used by web programmers.
prereq: MEDP 23400 and MEDP 33100
3 hrs
3 cr.

MEDP 34500 - Web Design Projects

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.

prereq: MEDP 33100 or perm instr.
3 hrs
3 cr.

MEDP 34900 - Introduction to Physical Computing

This course is intended to introduce students to programming and off-screen media. Some time will be spent producing screen based visual and interactive art, but most of our semester will be dedicated to hardware hacking and the Arduino. Theoretical readings will be assigned throughout and students are expected to respond thoughtfully in text and media.

prereq: MEDP 16000 and MEDP 23400
3 hrs
3 cr.

MEDP 35500 - Physical Computing: Interactive Installation

A hands-on course focusing on the current state of interactive media in a collaborative environment. Students will create projects integrating video, sound and text exploring design concepts and using sensors for real-time interactivity. Material Fee: $20

prereq: MEDP 15000, MEDP 16000, FILMP 16000, MEDP 23400
3 hrs
3 cr.

MEDP 36000 - 3D Animation and Modeling

This hands-on production course will examine concepts and practices that form the basis of 3D animation for video, graphic novels, filmmaking, and net based art.

prereq: MEDP 25000, MEDP 26000
3 hrs.
3 cr.

MEDP 36500 - 3D Virtual Environments

This course is an introduction to skills and creative approaches for the development of computer-generated 3D interactive virtual environments. Students will develop 3D virtual environments using standard 3D game design techniques and technologies. This class approaches the subject from both a technical and creative perspective. It gives students an introduction to the tools and techniques used to design 3D computer games and how those processes may be applied to create artistically focused work.
**MEDP 38300 - Sound Design**

Aesthetics of sound design with practical instruction in audio post-production technology.

*prereq: FILMP 25100 or MEDP 28100 or perm. instr.*

3 hours
3 credits

**MEDP 39909 - Game Design and Programming**

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of game development tools and approaches while exploring a variety of theoretical, social, and other aspects of modern game culture.

*prereq: MEDP 23400 and MEDP 25000*

*prereq or coreq: MEDIA 36300*

3 hrs
3 cr.

**MEDP 45100 - Film and Video Production Seminar**

Individual student films produced under faculty supervision.
May be taken twice for credit. Material fee $20 cross-listed FILMP 45100

3 hrs
3 cr.

**MEDPL 20100 - Reporting and Writing I (W)**

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

*prereq or coreq: MEDIA 18000*

3 hrs
3 cr.

**MEDPL 20200 - Reporting and Writing 2(W)**

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.

*prereq: MEDPL 20100*

3 hrs
3 cr.

**MEDPL 23900 - Entertainment Journalism (W)**
Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.

**prereq:** MEDPL 20100

*3 hrs*

*3 cr.*

**MEDPL 28300 - Visual Storytelling for Journalists**

This course teaches students how to report and produce visual stories, including hard news, features, formal interviews, and live shots.

**prereq:** MEDPL 16000 or FILMP 16000, and MEDPL 20200

*3 hrs*

*3 cr.*

**MEDPL 28400 - Radio Reporting and Podcasting**

This course teaches students how to report and write a variety of news stories and podcasts for a live radio newscast.

**prereq:** MEDPL 20200

*3 hrs*

*3 cr.*

**MEDPL 29000 - Developing Non-Fiction Media (W)**

This class guides students through the research, writing and production planning essential for creating a non-fiction film, video or podcast.

**prereq:** MEDIA 18000 and MEDP 16000 or FILMP 16000

*3 hrs*

*3 cr.*

**MEDPL 29400 - Magazine Writing (W)**

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.

**prereq:** MEDPL 20100

*3 hrs*

*3 cr.*

**MEDPL 29500 - Online Journalism (W)**

This class teaches students to research, pitch, report and write web based stories that include some type of data visualization as well as multimedia elements. Students will also learn how to create a video using that includes text and photos to tell a story and use social media to research news stories.

**prereq:** MEDPL 20100

*3 hrs*

*3 cr.*

**MEDPL 29600 - Feature Writing (W)**

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.

**prereq:** MEDPL 20100
MEDPL 29700 - Data Journalism: Telling Stories with Numbers

This course covers the fundamentals of data journalism reporting and visual storytelling using emerging techniques and tools. Students will learn to work with data and basic design to uncover and illustrate news trends and tell interactive data-driven news stories.  

prereq: MEDPL 20100

MEDPL 31600 - Experimental Production

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.  

prereq: FILM 25100 or MEDP 28100 or perm. instr.

MEDPL 37200 - Investigative Reporting (W)

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.  

prereq: MEDPL 20100

MEDPL 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.  

prereq: MEDIA 18000 and MEDPL 20100

MEDPL 38700 - Mobile Journalism

This course covers the fundamentals of reporting and visual storytelling on current and emerging mobile platforms using a smartphone.  

prereq: MEDPL 20200

MEDPL 38800 - Studio News Production

This course teaches students how to collectively produce and present a live newscast, Hunter News Now, on deadline and how to create news content relevant to a Hunter College audience. Students may take this course twice for credit.
prereq or coreq: MEDPL 28300
3 hrs
3 cr.

MEDIA 40100 - Independent Research

Directed research or creative endeavor.
Material Fee: $20
prereq: 2 advanced level courses, perm dept.
1-6 hrs
1 cr. per hr.

MEDIA 40200 - Honors Project

Open to Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion qualifies student for departmental honors at graduation.
prereq: 3 advanced-level courses; 3.0 GPA and 3.5 major GPA; perm dept.
3 hrs
3 cr.

MEDIA 49800 - Internship

Opportunity to gain professional experience.
prereq: MEDIA 18000 and 2 other MEDIA or MEDP courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

MEDP 39900 - Special Topics in Advanced Media Production

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr.

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
GEOG 15000 - World Regions in Global Context

Hunter Core
World Cultures and Global Issues (WCGI)

Pluralism and Diversity
PD/A or D

GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

GEOG 18300 - Special Topics: Introductory Geosciences

Introductory special topics in geography, environmental geosciences, or spatial sciences.

3 hrs
3 cr.

GEOG 22100 - Economic Geography and Globalization

GER
2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr.
Offered fall and spring

GEOG 22600 - Environmental Conservation: Resource Management
Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

GEOG 22700 - Environmental Conservation: Urban Problems

Covers topics related to environmental problems and their connection to urban areas. The course will begin with a survey of urban systems (transport, water, food, waste and energy) followed by investigating how these systems contribute to environmental problems and their solutions. This investigation will also include a discussion about the connections between rural and urban areas and urban planning that attempts to minimize environmental hazards.

3 hrs
3 cr.

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.
GEOG 24400 - Political Geography

GER
3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.

prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr.

GEOG 24500 - Geography of Development

Introduction to geographic concepts, methods, and theories of development, as well as failures and challenges for development in a changing world.

prereq: ENGL 12000, and GEOG 10100 or GEOG 15000 or permission of instructor
3 hrs
3 cr.

GEOG 24700 - Cultural Geography

GER
3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr.

GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.

prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr.

GEOG 25100 - Geography of the United States and Canada
Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges.

**Prereq:** GEOG 10100 or GEOG 15000 or perm instr.

**3 hrs**

**3 cr.**

### GEOG 27000 - Regional Geography of Mexico, Central America and the Caribbean

**Pluralism and Diversity**

**PD/A**

**GER**

**3/B**

Analysis of relationship of natural environment to economic, social and political life of Mexico, Central America and West Indies.

**3 hrs**

**3 cr.**

### GEOG 27100 - Regional Geography of South America

**Pluralism and Diversity**

**PD/A**

**GER**

**3/B**

Analysis of relationship of natural environment to economic, social and political life of South America.

**3 hrs**

**3 cr.**

### GEOG 27200 - Regional Geography of Europe

**Pluralism and Diversity**

**PD/D**

**GER**

**3/B**

Analysis of relationship of natural environment to economic, social and political life of modern Europe.

**3 hrs**

**3 cr.**

### GEOG 27400 - Regional Geography of the Middle East and North Africa
Analysis of relationship of natural environment to economic, social and political life of Middle East and North Africa.

3 hrs
3 cr.

**GEOG 27500 - Regional Geography of Sub-Saharan Africa**

Analysis of the relationship of natural environment to economic, social and political life of Africa south of Sahara.

3 hrs
3 cr.

**GEOG 27700 - Regional Geography of East Asia**

Analysis of East Asia's potentials in terms of natural resources, population, industry and agriculture, with emphasis on China.

3 hrs
3 cr.

**GEOG 27800 - Regional Geography of Russia and Central Asia**

Analysis of the relationship of the natural environment to economic, social and political life of Russia, the former Soviet republics of Central Asia and Mongolia.

3 hrs
3 cr.

**GEOG 30500 - Special Topics in Urban and Regional Dynamics**

Advanced topics in urban geography. Topics will vary. Open to Jr/Sr only.

prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr.
GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to Jr/Sr only.

*prereq: GEOG 15000 World Regional Geography or instructor permission*

3 hrs  
3 cr.

GEOG 32100 - Transportation Geography

**GER**  
3/B

A geographic study and modeling of transportation routes and their influences on the location of economic activity.  
*prereq: GEOG 221 or perm instr.*

3 hrs  
3 cr.

*not offered 2011*

GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

**GER**  
3/B

Open to Jr/Sr only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.  
*prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing*

3 hrs  
3 cr.

GEOG 33500 - International Pollution Issues

**GER**  
3/B

A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events.  
*prereq: GEOG 101 or GEOL 101 or PGEO 130 or perm instr.*

3 hrs  
3 cr.

GEOG 34200 - Geography of International Migration and Ethnicity

**Pluralism and Diversity**  
PD/B  
**GER**  
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial
demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.

**GEOG 34300 - Urban Geographic Theory**

**GER**

3/B

Spatial analysis of contemporary and theoretical issues concerning the economic growth, transportation, land use, social segregation and political fragmentation in metropolitan areas.

**prereq:** GEOG 34100 or equiv.

3 hrs

3 cr.

**GEOG 35700 - Geography of New York City and Vicinity**

**GER**

3/B

An assessment of the role geography has played in the development and the functioning of the NYC Metropolitan Area. The region's physical site and situation, changing land use, population distribution, transportation patterns and environmental concerns. Active fieldwork required. (Alternative field assignments for students who have accessibility challenges documented with the Office of Accessability.)

Open to Jr/Sr only.

**prereq:** GEOG 10100 or GEOG 15000

3 hrs

3 cr.

**Offered fall.**

**GEOG 37000 - Geography of Sustainable Development in Developing Countries**

**Pluralism and Diversity**

PD/A

**GER**

3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will also provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.

**prereq:** one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.

3 hrs

3 cr.

**GEOG 37100 - Rural Water Supply in Developing Regions**
Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.

**GEOG 38100 - Special Topics in Geography**

Open to Jr/Sr only. Topics to be announced.

**GEOG 38200 - Special Topics in Geography**

Open to Jr/Sr only. Topics to be announced.

**GEOG 38300 - Special Topics in Geography**

Open to Jr/Sr only. Topics to be announced.

**GEOG 39100 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**GEOG 39200 - Individual Study in Geography**
Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sem of geography, perm dept.

1-3 cr

**GEOG 39300 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sem of geography, perm dept.

1-3 cr

**GEOG 48000 - Capstone in Urban and Social Geography**

Individual or group research project as capstone experience in urban and social geography.

**prereq:** Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.

3 hrs

3 cr.

**GEOG 48100 - Capstone in Sustainability Studies**

Individual or group research project as capstone experience in Sustainability Studies.

**prereq:** Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.

3 hrs

3 cr.

**GEOG 49000 - Honors in Geography**

Upper Jr/Sr geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.

**prereq:** perm dept.

1 sem

3 cr.

**GEOG 49800 - Internship**

Open to qualified geography majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See undergraduate adviser.

1-4 cr.

**PGEOG 14000 - Introduction to Weather, Climate and Climate Change**

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
**PGEOG 14100 - Introduction to Weather, Climate and Climate Change Laboratory**

A hands-on laboratory science course. PGEOG 14100 will explain how weather and climate affect people and the natural environment through hands-on laboratory and field experiences. The course explores the science of the atmosphere starting with weather and weather forecasting including severe storms such as hurricanes and tornadoes. World climates and global climate change is included. This course will serve as an introduction to atmospheric science and will prepare students for further work in geography and Earth sciences.

*3 hrs (1 hour lecture, 2 hours lab)*  
*3 cr.*

**PGEOG 48000 - Capstone in Physical Geography**

Individual or group research project as capstone experience in physical and environmental geography.

*prereq: Senior standing as a geography or environmental studies major, approval of undergraduate adviser, and signed project contract with faculty sponsor.*  
*3 hrs*  
*3 cr.*

**GTECH 10100 - Digital Earth**

Digital Earth introduces students to the new suite of geospatial technologies and how they are being used to capture, store, process and display the vast amount of geospatial information about our planet, a wide variety of environmental and cultural phenomena, and how this information helps us to better understand natural and cultural characteristics of the world, address world problems, and make sound decisions. Students will learn how satellites take complete photographs of the entire planet. Geographic Information Systems (GIS) display geospatial data, Global Positioning Systems (GPS) track the location of environmental and cultural phenomena, Geovisualization tools map our 3-D planet, and how these technologies are applied to solve problems in diverse fields and phenomena in the physical and social sciences in exciting ways. The knowledge and skills learned in Digital Earth open the door toward a geotechnology-oriented career.

*3 hr.*  
*3 cr.*

**GTECH 20100 - Introduction to Geographic Information Science**

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

*Material Fee: $15*  
*prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*  
*6 hrs (2 lec, 4 lab)*  
*4 cr.*  
*Offered fall and spring*
GTECH 20300 - Introduction to Remote Sensing

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: $15
prereq: GTECH 20100
6 hrs (2 lec, 4 lab)
4 cr.

GTECH 30100 - Quantitative Methods in Geography

Open to Jr/Sr only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.
prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr.

GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

GTECH 32200 - Digital Image Processing

Course emphasizes the acquisition and nature of digital image data and the tools required to process and analyze remotely sensed data. Topics include: image preprocessing, spectral mixture analysis, image transformation, image classification and accuracy assessment, change detection, information extraction from LIDAR and radar. At least one application for each image processing method will be introduced. This is an advanced remote sensing course. The course includes lab exercises through which students will obtain hands-on experience in digital image processing. The labs include practical assignments and computer-based analysis of remotely-sensed images, and also field work to evaluate the results. The lab will use ENVI, an image processing software, together with the comprehensive data analysis tool IDL.
Material fee: $15.00
prereq: GTEC 32100, and multivariate statistics, elementary linear algebra or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.
GTECH 35000 - Field Topographic Surveying

Field use of surveying equipment. Notebook and computer data collection relating to horizontal and vertical location on the landscape, including the use of global positioning systems. Field record-keeping and preliminary analysis of results. Fee for transportation, accommodations and food allowance required.

prereq: GTEC 20100, perm instr.
90 hrs of field/lab work (1 day lab, 10 days field)
3 cr.
Offered summer intersession (check with dept. in April).

GTECH 35100 - Field Techniques in Geography

Observation and analysis of physical geography, biogeography and geomorphology of selected areas. Field geographic techniques such as ground-truthing of remotely sensed images, the use of maps, compasses and GPS to navigate. Fee for transportation, lodging and food allowance required.

Material Fee: $300-400
prereq: GTEC 20100, any two additional geography or geology courses, perm dept.
90 hrs field/lab work (3 days lab, 7 days field)
3 cr.
Offered summer intersession (check with dept. in April).

GTECH 36100 - GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee: $ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

GTECH 38000 - Introduction to Cartographic Design and Geovisualization

This course explores fundamental design concepts and considerations in map production and presentation in the context of GIS. Students will combine computer graphics and cartographic design principles to develop visual representations and analysis of geospatial information.

Material Fee: $ 15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

GTECH 38500 - GIS Applications

Selected topics in GIS applications to human and physical geographic problems. See department for topics offered. May be repeated for credit as topics change.

Material Fee: $ 15
prereq: GTEC 20100 or equiv.
GTECH 48000 - Capstone in Geographic Information Science

Individual or group research project as capstone experience in geographic information science.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr.

GTECH 49000 - Honors in Geographic Information Science

Open to qualified Track C geography majors.

prereq: Senior standing, a minimum GPA of 3.5 in the major, approval of undergraduate adviser, and signed project contract with faculty sponsor
3 hrs
3 cr.

GTECH 49800 - Internship in Geographic Information Science

Open to qualified geography majors and minors. Opportunities for working in positions of responsibility in professional institutions for academic credit.

prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr.

PGEOG 13000 (STEM) - Weather and Climate

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
Material Fee: $5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

PGEOG 23100 - Physical Geography II: Principles of Geomorphology

See GEOL 23100

PGEOG 25000 - Earth System Science I (W)
In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.

*prereq:* ENGL 12000  
*prereq or coreq:* GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.  
4 hrs  
3.5 cr.

**PGEOG 25100 - Earth System Science II**

GER  
3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.  
*prereq:* PGEO 25000 or perm instr.  
4 hrs  
3.5 cr.

**PGEOG 31100 - Introduction to Fluid Mechanics**

GER  
3/B

Covers the basic principles of fluid mechanics including statics, kinematics of fluid motion, integral and differential representation of conservation of mass, linear momentum, the first Law of Thermodynamics, Bernoulli’s equation, dimensional analysis, and elementary viscous flow.  
*cross-listed:* PHYS 31100  
*prereq:* PHYS 12100 or 12000 and MATH 15500 or perm instr.  
3 hrs  
3 credits

**PGEOG 31300 - Biogeography**

GER  
3/B

Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.  

*prereq:* PGEOG 13000, GEOG 10100 or BIOL 10000/10200  
3 hrs  
3 cr.
PGEOG 33200 - Introduction to Hydrology

GER
3/B

Designed to provide the basic understanding of how water on the Earth moves, distributes, circulates and interacts with the environment. Focus will be on hydrological processes including precipitation, evapotranspiration (evaporation and transpiration), soil water, ground water, and runoff, which form the complete water cycle at global, regional and watershed scales. The course will also cover some topics on how water responds to environmental changes and strategies of integrated water resources.

prereq: GEOL 10100, PGEO 13000 or perm instr.
3 hrs
3 cr.

PGEOG 33400 - Coastal Geomorphology See GEOL 33400

See GEOL 33400

PGEOG 33500 - Urban and Metropolitan Coasts

GER
3/B

A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.

prereq or coreq: Prereq: GEOL 10100 or GEOG 10100
3 hrs
3 cr.

PGEOG 36100 - Global Climatic Change

GER
3/B

Open to Jr/Sr only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.

prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr.

PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of
environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.

**prereq:** PGEO 13000 or equiv.

**prereq or coreq:** PGEOG 13000 or equiv.

3 hrs

3 cr.

**PGEOG 38100 - Special Topics in Environmental Studies**

**GER**

3/B

Open to Jr/Sr only. Topics to be announced.

**prereq:** GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.

1-4 hrs (lec or lec/lab)

1-3 cr.

**PGEOG 38200 - Special Topics in Environmental Studies**

**GER**

3/B

Open to Jr/Sr only. Topics to be announced.

**prereq:** GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.

1-4 hrs (lec or lec/lab)

1-3 cr.

**PGEOG 38300 - Special Topics in Environmental Studies**

**GER**

3/B

Open to Jr/Sr only. Topics to be announced.

**prereq:** GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.

1-4 hrs (lec or lec/lab)

1-3 cr.

**PGEOG 39100 - Individual Study in Environmental Studies**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** GEOL 10500, GEOG 22600 or PGEOG 13000

1-3 cr.

**PGEOG 39200 - Individual Study in Environmental Studies**
Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**PGEOG 39300 - Individual Study in Environmental Studies**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
**prereq:** GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr.

**PGEOG 49000 - Honors in Environmental Studies**

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.  
**prereq:** perm dept.

**PGEOG 49800 - Internship in Environmental Studies**

Open to qualified environmental studies majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.
1-4 cr.

**GEOL 10000 - Introduction to Geology**

**Hunter Core**  
Scientific World (SW)  
GER  
2/E

*Introduction to Geology* is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.  
3 hrs (3 lec, 3 lab)  
3 cr.  
*Offered fall and spring.*

**GEOL 10100 - Introductory Geology Lab**

**Hunter Core**  
Life & Physical Sciences  
GER  
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.  
3 hrs.  
3 cr.
GEOL 10200 - Plate Tectonics and the Earth’s Evolution

GER
2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.

prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

GEOL 10500 - Introduction to Environmental Studies

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.

prereq: ENGL 12000
3 hrs.
3 cr.

GEOL 18000 - Introduction to Oceanography

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring

GEOL 20500 - Environmental Geology

GER
3/B
As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.

prereq: GEOL 10100
3 hrs
3 cr.

GEOL 23100 - Principles of Geomorphology

GER
2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.

prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr.

GEOL 28000 - Marine Geology

GER
3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.

prereq: GEOL 10200 or perm instr.
3 hrs
3 cr.
Fall

GEOL 33200 - Hydrology See PGEOG 33200

See PGEOG 33200

GEOL 33400 - Geomorphology: The Study of Beaches and Coasts

GER
3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip.
GEOL 38000 - Advanced Oceanography: Physics of the Oceans

GER
3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean. Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.

prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr.

GEOL 38100 - Special Topics in Geology and Oceanography

GER
3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.

prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

GEOL 38200 - Special Topics in Geology and Oceanography

GER
3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.

prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

GEOL 38300 - Special Topics in Geology and Oceanography

GER
3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.

prereq: 200-level course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.
GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sems of geology, perm dept.
1-3 cr.

GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sems of geology, perm dept.
1-3 cr.

GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sems of geology, perm dept.
1-3 cr.

GEOL 24400 - Sedimentology

GER
3/B

PGEOG 21200 - Geography of Soils and Vegetation

GER
3/B

GERMN 10100 - Elementary German I

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.

prereq: GRMN 10100 or equiv.
3 hrs
3 cr.

GERMN 10300 - Intensive Elementary German

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr.
GERMN 20000 - Intensive German 2 and 3


*prereq: GERMN 10100*
6 hrs
6 cr.

GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.

*prereq: GERMN 10200 or equiv.*
3 hrs
3 cr.

GERMN 20150 - Intermediate German Workshop I

Additional practice in spoken and written German. Intended to improve the speaking skill of students taking GERMN 201.

*coreq: GERMN 201*
1 hrs
1 cr.

GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts.

*prereq: GERMN 20100 or equiv.*
3 hrs
3 cr.

GERMN 20250 - Intermediate German Workshop II

Intermediate conversation course open to students enrolled in GERMN 202. Conversation on topics from everyday life in modern Germany.

*coreq: GERMN 20200*
2 hrs
2 cr.

GERMN 20300 - Intensive Intermediate German

Covers material of GERMN 201 and 202 in one semester.

*prereq: GERMN 10200, 10300 or equiv.*
6 hrs
6 cr.

GERMN 30100 - Advanced German Comprehension and Conversation
Intensive practice in reading and listening to German texts and in conversational German; some essay writing.  
(Conducted in German)  
prereq: GERMN 20200 or 20300 or equiv.  
3 hrs  
3 cr.

**GERMN 30200 - Advanced German Conversation and Composition**

Intensive practice in speaking and writing German.  
(Conducted in German)  
prereq: GERMN 20200 or 20300 or equiv.  
3 hrs  
3 cr.

**GERMN 31000 - Advanced German Language Studies**

Intensive language study in a German speaking country. May be repeated at different levels.  
(Conducted in German)  
prereq: GERMN 20200 or 20300 or equiv.  
3 hrs  
3 cr.

**GERMN 31200 - Introduction to Business German**

Introduction to the specialized language of German business and economics and intensive practice in German terminology and style on such topics as banking and finance, the corporate structure and the European Union.  
(Conducted in German)  
prereq: GERMN 30100 or perm instr.  
3 hrs  
3 cr.

**GERMN 32000 - Studies in German Literature and Language**

**Pluralism and Diversity**  
PD/D  
GER  
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic.  
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32100 - Individual and Society in Modern German Literature

Pluralism and Diversity

PD/D
GER
3/A

The central conflict between individual liberty and societal constraints as reflected in short stories, novellas and plays by 20th century authors such as Kafka, Brecht, Böll and Frisch. (Conducted in German)

prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32200 - German Civilization

Pluralism and Diversity

PD/D
GER
3/A

Introduction to key topics in German history, politics, arts, literature and sciences. (Conducted in German)

prereq: GERMN 20200 or equiv.
3 hrs
3 cr.

GERMN 32300 - Women in German Literature

Pluralism and Diversity

PD/C
GER
3/A

Reading and discussion of literature from the 19th century to the present written in German by and about women. (Conducted in German)

prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32400 - Post-Feminist German Literature and Film

Pluralism and Diversity

PD/D C

Reading and discussion of German literature and film written and produced by women at the end of the 20th and the beginning of the 21st centuries.

prereq: GERMN 20200 or 20300 or equivalent
3 hrs
3 cr.

GERMN 32700 - Modern Swiss Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written in German by Swiss authors since the 19th century.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32800 - German Children's and Adolescent Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33400 - The German Short Story and Novelle

Pluralism and Diversity
PD/D
GER
3/A

Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33500 - German Radio Plays: Hoerspiel

Pluralism and Diversity
GER 3/A PD/D
GER
3/A

Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
GERMN 33600 - German Lyric Poetry

Pluralism and Diversity
PD/D
GER
3/A

Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33900 - German Drama from Naturalism to Present

Pluralism and Diversity
PD/D
GER
3/A

Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 34100 - German Drama from Age of Goethe to Naturalism

Pluralism and Diversity
PD/D
GER
3/A

Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34200 - The German Novel

Pluralism and Diversity
PD/D
GER
3/A

Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34400 - Readings in Classical Period of German Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of selected works by Lessing, Goethe and Schiller. (Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34500 - Literature of Weimar Republic

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary works and documents influential in German life between 1918 and 1933. (Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34600 - German Literature of the 1930s and 1940s

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written between the time of the Weimar Republic and 1945. (Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34700 - German Literature 1945-1995

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of German literature written between 1945 and 1995. (Conducted in German)
GERMN 34800 - East German Literature (1945-1990)

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German Democratic Republic as a sovereign state.
(Conducted in German)

prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 35000 - Austrian Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literature and culture of the fin-de-siècle Vienna.
(Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 35300 - Goethe's Faust

Pluralism and Diversity
PD/D
GER
3/A

Intensive study of Goethe's Faust, Parts I and II.
(Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 35900 - German Literary Seminar

Pluralism and Diversity
PD/D
GER
3/A

Seminar study of significant theme in German literature, German author or literary movement or genre. May be
repeated with a different topic.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 37300 - German-Jewish Love Stories in Literature and Film after 1945 (W)

Study of German literature and films that explore and (re)imagine relationships between non-Jewish and Jewish Germans during and after the Holocaust.
prereq: ENGL 12000
3 hrs
3 cr.

GERMN 38500 - Advanced Topics in German Language Study

Advanced study of a linguistic phenomenon or of German language for a particular purpose. May be repeated with a different topic or level.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq or coreq: Will vary with topic
3 hrs
3 cr.

GERMN 38501 - The German Press of Today: Reading and Understanding Newspapers and Magazines

GER
3/A

Reading and discussion of present-day German newspapers and magazines.
(Conducted in German) A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)
3 hrs
3 cr.

GERMN 38502 - Advanced Business German

GER
3/A

Cross-cultural study and practicing of German business culture and language while studying Germany as global economic player. Topics such as corporate structure, management strategies, international marketing and labor relations.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq or coreq: GERMN 31200 or perm. instr.
3 hrs
3 cr.
GERMN 38503 - German Grammar for Upper-Level Discourse

GER
3/A

Study of German grammar from basic to complex structures. Intensive practice in control of grammatical forms at high levels of spoken and written discourse.
(Conducted in German)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

prereq: three courses above GERMN 30000 or equiv (excluding courses in English translation)

3 hrs
3 cr.

GERMN 38504 - Advanced German Through Translation

GER
3/A

Translation of literary and non-literary texts from German into English. Basic introduction to translation theory.
(Conducted in German and English)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)

3 hrs
3 cr.

GERMN 39900 - Second Language Acquisition

GER
3/A

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
(Conducted in German)

prereq: at least three courses at the 300 level in the language, ENGL 12000

3 hrs
3 cr.

GERMN 44400 - Seminar Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Seminar study of literary topic or linguistic phenomenon. May be repeated with a different topic.
(Conducted in German)

prereq: GERMN 2000 or 20300 or equiv.

3 hrs
3 cr.
GERMN 49100 - Honors Project

Open to Jr/Sr only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

GERMN 49200 - Independent Study in German

Number of credits to be determined in advance in consultation with faculty member on basis of work planned.
(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm chair
1-3 cr.

GERMN 49300 - Individual Studies Project in German Studies

Individual research on German-studies topic under direction of faculty member. Written report required.
(Conducted in German)
prereq: perm chair
3 cr.

GERMN 49800 - Internship

(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm of chair
1-4 cr.

GERMN 24000 - German Thought and Culture: A Survey (W)

Pluralism and Diversity
PD/D
GER
2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core
Creative Expression
Pluralism and Diversity
PD/D
GER
2/C
Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures.

(Conducted in English) Note: No knowledge of German required.

prereq or coreq: ENGL 12000
3 hrs
3 cr.
*No "W" designation when offered in Winter Session

GERMN 37200 - Germany in the Twenties (W)

Pluralism and Diversity
PD/D
GER
3/A

Literature, art and politics in Germany between World War I and Third Reich, 1918-1933.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37400 - Masterpieces of German Literature in English Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Discussion of some outstanding works of German literature.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37900 - Studies/Seminar Studies in German Literature in English Translation

Pluralism and Diversity
PD/D
GER
3/A

Discussion and analysis of literary movement, genre, major topic or important author.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 47900 - Studies/Seminar Studies in German Literature in English Translation

Pluralism and Diversity
PD/D
Discussion and analysis of literary movement, genre, major topic or important author. (Conducted in English) Note: No knowledge of German required.

3 hrs
3 cr.

**GERMN 10600 - German through Lieder**

**GERMN 34300 - German Literature from Its Origins to the Age of Goethe**

**Pluralism and Diversity**

**PD/D**

**GERMN 36100 - Gottfried von Strassburg: Tristan**

**GER**

3/A

**GERMN 36200 - Wolfram von Eschenbach: Parzival in translation**

**GER**

3/A

**GERMN 36300 - Goethe's Faust in English translation**

**GER**

3/A

**GERMN 36400 - Heinrich von Kleist**

**GER**

3/A

**GERMN 36500 - Georg Büchner**

**GER**

3/A

**GERMN 36600 - Hermann Hesse**

**GER**

3/A

**GERMN 36700 - Hermann Hesse: Magister Ludi**

**GER**

3/A
GERMN 36800 - Rainer Maria Rilke's Duino Elegies

GER
3/A

GERMN 36900 - Thomas Mann's The Magic Mountain

GER
3/A

GERMN 37000 - Franz Kafka

GER
3/A

GERMN 37100 - Bertolt Brecht

GER
3/A

GERMN 37600 - Masterpieces of Modern German Prose in English Translation

GER
3/A

GERMN 37800 - Masterpieces of German Drama in English Translation

GER
3/A

GRK 10100 - Beginning Ancient Greek 1

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

GRK 10200 - Beginning Ancient Greek 2

Elementary course in grammar, syntax and morphology of Ancient Greek.

prereq: GRK 10100
3 hrs
3 cr.
offered spring

GRK 10700 - Beginning Greek, Intensive
6 hrs
6 cr.
offered summer

GRK 20200 - Plato

prereq: GRK 11000 or equiv.
3 hrs
3 cr.

GRK 21100 - Ancient Greek Reading: Prose

Intermediate-level course in reading Greek prose. Offered in the fall.

prereq: GRK 10200
3 hrs
3 cr.
offered fall

GRK 21200 - Ancient Greek Reading: Poetry

Intermediate-level course in reading Greek poetry, usually Homer. Offered in the spring.

prereq: GRK 21100
3 hrs
3 cr.
spring

GRK 30100 - Plato II

prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30200 - Euripides

prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30300 - Greek Lyric Poetry
prereq: GRK 20200 or equiv.  
3 hrs  
3 cr.

GRK 30400 - Aristophanes and Menander

prereq: GRK 20200 or equiv.  
3 hrs  
3 cr.

GRK 30500 - Attic Orators

prereq: GRK 20200 or equiv.  
3 hrs  
3 cr.

GRK 30700 - Sophocles

prereq: GRK 20200 or equiv.  
3 hrs  
3 cr.

GRK 30800 - Aeschylus

prereq: GRK 20200 or equiv.  
3 hrs  
3 cr.

GRK 30900 - Herodotus

prereq: GRK 202 or equiv.  
3 hrs  
3 cr.

GRK 31000 - Thucydides

prereq: GRK 20200 or equiv.  
3 hrs  
3 cr.

GRK 32000 - Topics in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.

prereq: GRK 20200 or equivalent  
3 hrs  
3 cr.

GRK 42100 - Independent Study in Greek Literature
Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.

**prereq:** GRK 20200 and Department Permission

3 hrs

3 cr.

**HEBR 21000 - Selected Studies in Hebrew Literature in Translation**

**Pluralism and Diversity**

PD/C (HEBR 21060 only)

Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 hrs

3 cr.

**HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)**

**Hunter Core**

Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**

PD/D

GER

2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

3 hrs

3 cr.

**HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)**

GER

2/C

Survey of Hebraic literature from Enlightenment movement to present.

3 hrs

3 cr

**HEBR 21400 - Maimonides' Guide to the Perplexed**

**Pluralism and Diversity**

PD/D

GER

3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.

3 hrs

3 cr

**HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World**
Pluralism and Diversity
PD/A
GER
3/A

A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.

*prereq: ENGL 12000
3 hrs
3 cr.

HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.

*prereq: ENGL 22000
3 hrs
3 cr

HEBR 22000 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.

cross-listed cross-listed with FILM 21344
*prereq: ENGL 12000
3 hrs
3 cr

HEBR 22100 - Modern Israeli Culture

Hunter Core
World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.

*prereq: ENGL 12000
HEBR 22200 - Introduction to Jewish Texts and Writings

**Hunter Core**
World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.

*prereq or coreq: ENGL 120*

3 hours
3 credits

HEBR 24000 - Introduction to the Old Testament

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.

3 hrs
3 cr

HEBR 25000 - Topics in Hebraic Studies

**Pluralism and Diversity**
PD/C

Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 hrs
3 cr

HEBR 25900 - Old Testament Religion

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

3 hrs
3 cr

HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)
GER
3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.
3 hrs
3 cr.

HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr

HEBR 28800 - Ancient Hebraic Folklore

Pluralism and Diversity
PD/A
GER
2/C

Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apocryphal literature and rabbinic Aggada.
3 hrs
3 cr

HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues

Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
HEBR 29200 - The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.

3 hrs
3 cr

HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.

3 hrs
3 cr

HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.

3 hrs
3 cr

HEBR 29600 - The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.

3 hrs
3 cr
HEBR 10100 - Elementary Hebrew I

Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

HEBR 10200 - Elementary Hebrew II

Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs
3 cr.

HEBR 10300 - Intensive Elementary Hebrew

Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.
6 hrs
6 cr.

HEBR 10400 - Elementary Hebrew for Heritage Speakers

Elementary Hebrew for students who possess some familiarity with the language but who lack systematic background in grammar and/or one or more basic skills.
Equivalent of HEBR 10100-HEBR 10200 or HEBR 10300
prereq: Permission of Hebrew Program required.
3 hrs
3 cr.

HEBR 10500 - Elementary Biblical Hebrew I

Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew. Not credited without HEBR 10600
3 hours
3 credits

HEBR 10600 - Elementary Biblical Hebrew II

The second in a series of 4 introductory courses in Biblical Hebrew.
prereq: HEBR 105 or equivalent.
3 hours
3 credits

HEBR 20100 - Intermediate Hebrew I
Continued practice in conversational Hebrew, grammar and composition.

prereq: HEBR 10200 or equiv.
3 hrs
3 cr.

HEBR 20200 - Intermediate Hebrew II

Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.

prereq: HEBR 20100 or equiv.
3 hrs
3 cr.

HEBR 20400 - Intermediate Hebrew For Heritage Speakers

Intermediate Hebrew for students who entered the language sequence with some familiarity with the language while lacking systematic background in grammar and/or one or more basic skills. Intended for students who have completed HEBR 10400.
Equivalent of HEBR 20100-HEBR 20200 or HEBR 20300.
3 hrs
3 cr.

HEBR 20500 - Intermediate Biblical Hebrew I

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses.

prereq: Biblical Hebrew 10600 or equivalent.
3 hours
3 credits

HEBR 20600 - Intermediate Biblical Hebrew II

This is the 4th semester of the 4-semester Biblical Hebrew series.

prereq: HEBR 20500 or equivalent.
3 hours
3 credits

HEBR 20300 - Intensive Intermediate Hebrew

Second-Year Hebrew in a single course; equivalent to HEBR 20100 and HEBR 20200. Instruction and practice in reading, writing, and written and oral comprehension. Students may not receive credit for 20300 if they have credit for 20100 and/or 20200.

prereq: HEBR 10200 or HEBR 10300
6 hrs
6 cr.

HEBR 22300 - Introduction to Talmudic Literature in Translation

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
Introduction to the structure, content, and formation of the Talmudic corpus and the history of its interpretation and application. All texts studied in English translation. Counts toward Hebrew major and Hebraic Studies Minor.

prereq: ENGL 12000
3 hrs.
3 cr.

HEBR 31000 - Modern Hebrew Literature I

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.

prereq: HEBR 20200 or equiv. or exemption
3 hrs
3 cr.

HEBR 31100 - Modern Hebrew Literature II

GER
3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.

prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31500 - Biblical Literature: Pentateuch

Pluralism and Diversity
PD/A
GER
3/A

Selections from Pentateuch.

prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from books of Joshua, Judges, Samuel and Kings.

prereq: HEBR 20200 or equiv.
HEBR 31700 - Biblical Literature: Prophetic Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr

HEBR 31800 - Biblical Literature: Hagiographa

Pluralism and Diversity
PD/A
GER
3/A

Selections from Job, Proverbs, Psalms and the five Magillot.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32000 - The Modern Hebrew Short Story

GER
3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 32200 - Medieval Literature

Pluralism and Diversity
PD/D
GER
3/A

Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period
Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32400 - The Modern Hebrew Essay
Pluralism and Diversity
PD/D
GER
3/A

Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32500 - History of Modern Hebrew Literature
GER
3/A

Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32600 - Hebrew Poetry Between the Two World Wars
GER
3/A

Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700 - The Modern Hebrew Novel
GER
3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32800 - Contemporary Hebrew Prose

GER
3/A


prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 33100 - Medieval Hebrew Philosophic Texts

GER
3/A

Study of selected chapters of Halevi's Kuzari and Maimonide' Moreh Nebukim (Guide to the Perplexed).

prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 35100 - Hebrew Grammar and Composition

Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in composition.

prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 35700 - Approaches to Main Problems in Hebraic Studies

Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester.

There are "unlimited" repeats for this course.

prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 37100 - Hebrew Conversation I

Conversation course designed to improve oral proficiency and enable students to hold their own in advanced courses in Hebrew literature.

prereq: HEBR 20100 or 3 years of high school Hebrew or equivalent; intensive practice in spoken language
3 hours
3 credits

HEBR 37200 - Hebrew Conversation II

Conversation course designed to improve oral proficiency and enable students to hold their own in advanced courses in Hebrew literature.

prereq: HEBR 20100 or 3 years of high school Hebrew; intensive practice in spoken language
HEBR 45100 - Selected Studies in Hebrew Literature

Pluralism and Diversity
PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.
prereq: HEBR 20200 or equiv, perm division
3 hrs
3 cr

HEBR 49000 - Independent Studies

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: permission of division head
hrs TBA
3 cr

HEBR 49100 - Honors Project

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr.

HEBR 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr

HIST 12100 - Early Modern Europe 1500 to 1815

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 12200 - 19th and 20th Century Europe (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/D
GER
2/B

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction.

Courses at the 300-level and above not offered to freshmen.
**prereq or coreq:** ENGL 12000

3 hrs
3 cr.

**HIST 20100 - Ancient Civilization**

GER
2/B

Development of civilization in the Near East. Its expansion under Greece and Rome to 500 CE in the Mediterranean basin.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 21100 - Medieval Civilization (W)**

**Pluralism and Diversity**
PD/D

Social, institutional and cultural history of Western Europe from the late Roman period to the Black Death in the mid-14th century.

Courses at the 300-level and above not offered to freshmen.
**prereq or coreq:** ENGL 120

3 hrs
3 cr.

**HIST 24200 - The Holocaust: An Introduction**

**Pluralism and Diversity**
PD/D

The attempt to exterminate the Jewish people by the Nazis.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 30200 - Greek History**
Pluralism and Diversity
PD/D
GER
3/B

From the Bronze Age ca. 3000 BCE to the Roman conquest. Emphasis on cultural and political contributions of ancient Greece.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 30300 - Roman History**

Pluralism and Diversity
PD/D
GER
3/B

From Iron Age to Justinian; rise and fall of Rome's power and her political and cultural achievements.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 30500 - The Age of the Crusades**

Pluralism and Diversity
PD/D
GER
3/B

The expansion of western Europe from 800 to 1492 in eastern Europe, the Mediterranean, Asia and Africa, giving particular attention to the Reconquista in Spain and the crusades in the Middle East.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 31000 - Jewish History in the Medieval and Early Modern Periods**

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 31100 - Europe in the Early Middle Ages**
Pluralism and Diversity
PD/D
GER
3/B

The development of European civilization from the fall of the Western Roman Empire to the First crusade. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 31200 - Europe in the High Middle Ages

GER
3/B

The 12th and 13th centuries in Europe; church and state; science and universities; guilds and capitalism. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 31300 - Europe in the Late Middle Ages

GER
3/B

Changing aspects of social, institutional, economic and cultural scene; humanism and art in the 14th and 15th centuries. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 31400 - Ancient and Medieval Christianity (W)

Pluralism and Diversity
PD/D
GER
3/B

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 31900 - Jewish History in the Medieval and Early Modern Periods (W)

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from late antiquity to the 17th century; social and legal status under Islamic and Christian rulers;
religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.

**HIST 32000 - Jewish History in the Modern World (W)**

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.

**HIST 32100 - History of the Holocaust**

GER
3/B

Examination of the mass murder of 6 million Jews by the Nazi regime during World War II.
Courses at the 300-level and above not offered to freshmen.

**HIST 32400 - Europe in the Age of Renaissance and Reformation (W)**

Pluralism and Diversity
PD/D
GER
3/B

European life and society in early modern era. Religious, political, economic and social change.
Courses at the 300-level and above not offered to freshmen.

**HIST 32500 - Europe in the Age of Absolutism and Revolution**

GER
3/B

Europe from the middle of the 17th century through the Congress of Vienna in 1815.
Courses at the 300-level and above not offered to freshmen.
HIST 32600 - Europe 1815-1914

GER
3/B

Political, social, intellectual and economic developments from the Congress of Vienna to World War I. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 32700 - Europe since 1914

GER
3/B

Europe in a century of total wars and cold war: the military, political, social, economic and intellectual scene. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 32900 - History of European Diplomacy

Pluralism and Diversity
PD/D
GER
3/B

From the Congress of Vienna and national unification movements through the era of total wars and cold war. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 33000 - Social and Economic History of Modern Europe

Pluralism and Diversity
PD/D
GER
3/B

Social and economic developments in Europe during the past 200 years. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 33100 - European Culture in the 16th, 17th and 18th Centuries (W)

GER
3/B

The impact of the Reformation, Counter- Reformation, the Scientific Revolution and related movements. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 33200 - Modern Culture from the 18th to the 20th Centuries

GER
3/B

From the impact of the Scientific Revolution and the Enlightenment to recent literature, art, religion and science. European political and social thought. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 33400 - France during the Revolution and Napoleonic Eras

GER
3/B

A study of the 18th-century antecedents of the French Revolution, the Revolutionary decade and the Napoleonic period. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 33500 - History of Modern France

GER
3/B

The French experience since Napoleon, with emphasis on life and death under the three Republics since 1870. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 33600 - History of 20th-Century Germany (W)

Pluralism and Diversity
PD/D
An introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past. This course is an introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past.
prereq: ENGL 12000; Not offered to freshmen.
3 hrs
3 cr.
HIST 33700 - History of Spain

GER
3/B

From the Middle Ages to the present. Political, economic and social developments. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 33800 - History of Italy (W)

Pluralism and Diversity
PD/D
GER
3/B

Classical to Renaissance background. Catholic Reformation, foreign domination, Risorgimento to Fascism, post-World War II era. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 34250 - Early British History to 1689

GER
3/B

Origins, medieval and early modern Britain to the Glorious Revolution. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 34251 - Britain Since 1689

Pluralism and Diversity
PD/D
GER
3/B

British history since the Glorious Revolution. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 34300 - England under the Tudors and Stuarts

GER
3/B
Government and society, 1485-1714.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 34600 - Churchill's Britain (W)**

GER
3/B

The history of Britain and its empire in the 20th century. The emphasis will be on the world wars and their impact on British military and diplomatic power, and thus on the spread of British imperial rule up to the 1920s, as well as on the changes the wars brought to the British economy, society and culture and, ultimately, the collapse of the empire after 1945. The major theme of the course will be how to understand Britain's "decline" in the 20th century. The rise and fall of the British imperial system and its transformation into a Commonwealth of nations.

Courses at the 300-level and above not offered to freshmen.

*prereq: ENGL 12000*

3 hrs
3 cr.

**HIST 37400 - Russia to the 20th Century**

Pluralism and Diversity
PD/D
GER
3/B

Political, socioeconomic and cultural development of Russia from its Kievan origins to the crisis of monarchy.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 37500 - Late Imperial Russia and the Soviet Union**

Pluralism and Diversity
PD/D
GER
3/B

Political, socioeconomic and cultural development of late 19th and 20th century Russian and Soviet society.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 37600 - Soviet Foreign Policy**

GER
3/B

Objectives and strategies adopted by the Soviet government from the Russian Revolution of 1917 to the end of World War II.

Courses at the 300-level and above not offered to freshmen.
prereq: at least one course in 20th century Europe or European diplomacy is recommended
3 hrs
3 cr.

HIST 38400 - Problems in European History (W)

GER 3/B

Intensive reading and research in selected topics.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 48400 - Problems in European History (Honors) (W)

GER 3/B

Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
3 hrs
3 cr.

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER 1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER 1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
HIST 31600 - History of Religion in the United States

GER
3/B

Changing European churches and indigenous American sects; their architecture, leaders and ideas.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 31700 - History of the American City

Pluralism and Diversity
PD/D
GER
3/B

History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 31800 - History of the American Working Class (W)

Pluralism and Diversity
PD/D
GER
3/B

History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 35300 - History of New York City

GER
3/B

Urban development; emergence as the financial and cultural capital of the nation; ethnic and racial diversity; dynamics of economic and physical growth; problems of city politics.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 35400 - The American Colonies in the 17th Century (W)
Comparative treatment of settlement in the Spanish, Portuguese, French, Dutch and English colonies. Courses at the 300-level and above not offered to freshmen.

**HIST 35500 - The American Colonies in the 18th Century (W)**

Development of the American Jewish community; economic, political and social integration; cultural adaptation. Courses at the 300-level and above not offered to freshmen.

**HIST 35600 - The Early Republic**

Leading personalities and domestic problems of the U.S. Since 1900. Courses at the 300-level and above not offered to freshmen.
**HIST 35900 - Immigration and Ethnicity in the United States**

**Pluralism and Diversity**
**PD/D**
**GER**
3/B

Experience of immigrant groups since Colonial times; motives for coming; economic and social adjustment; encounter with prejudice; ethnic institutions.
Courses at the 300-level and above not offered to freshmen.

**HIST 36100 - America and the World in the 20th Century**

**Pluralism and Diversity**
**PD/D**
**GER**
3/B

The trajectory of American foreign relations during the last century, focusing on how and why the United States engaged other nations and peoples as it did. It also explores the ways in which developments overseas helped shape American domestic life.
Courses at the 300-level and above not offered to freshmen.

**HIST 36200 - Biography and Autobiography in the History of the U.S.**

**GER**
3/B

Studies of Americans prominent in politics, art and national life.
Courses at the 300-level and above not offered to freshmen.

**HIST 36300 - American Cultural History**

**Pluralism and Diversity**
**PD/D**
**GER**
3/B

An exploration of several significant themes in American cultural history from the late nineteenth through the late twentieth centuries. Through close readings of selected primary and secondary works (both written and visual) we will consider the meanings of popular, proto-mass, and mass culture as well as the nature of different levels of cultural
tastes and styles in modern American history. Reflecting on the broader social and political context of these developments we will study a range of topics, including the myth of the self-made man, the role of the frontier and the cowboy, and critiques of mass consumer culture. Central to our historical examination of American culture will be an effort to appraise and describe: how American writers, artists, orators, cultural critics and everyday people constructed narratives (written, spoken, musical, visual) of identity for themselves along ethnic, racial, gendered, class-based and national lines; how the construction of those narratives were related to each other; and, how those narratives changed over time depending on specific political and social contexts.

Not open to students who took HIST 34174, the experimental version of this course.

3 hrs
3 cr.

HIST 36400 - American Constitutional History, 1783 to 1900

Pluralism and Diversity
PD/D
GER
3/B

Development of constitutional thought from the framing of the Articles of Confederation to 1900. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 36500 - American Economic History

GER
3/B

Rural agrarianism to advanced industrialism. Political and social forces, problems of capitalism, social classes. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 36600 - Role of Women in American History

Pluralism and Diversity
PD/D
GER
3/B

Women in all aspects of the country's past; drive to suffrage and its aftermath. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 36700 - Civil War and Reconstruction

Pluralism and Diversity
PD/D
GER
3/B
Slavery, sectional conflict, political crisis of Union. New interpretations of postwar race relations.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 36900 - African American History in the United States

GER
3/B

From the Colonial era to the present. Slavery, emancipation, social and cultural transformation, political turning points and economic issues.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 37000 - The West in American History

GER
3/B

As an undeveloped area; westward expansion, Indian-white relations; paradoxes of government policy; the modern West.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 38300 - Problems in U.S. History (W)

GER
3/B

Intensive reading and research in selected topics.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 48300 - Problems in U.S. History (Honors) (W)

GER
3/B

Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 11100 - World History to 1500
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 20800 - History of the Jews

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000
3 hours
3 credits

HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.
HIST 27100 - Early History of Latin America

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 27200 - History of Latin America in the 19th and 20th Centuries

Political, economic, social and cultural transformations contributing to the development of modern Latin America. Emphasis will be on major historical processes and their impact on the region's cultural diverse population. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)

Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 27651 - The Modern Middle East from 1800 to the Present (W)

Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 27700 - East Asia to 1600 (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.
HIST 27800 - East Asia, 1600 to the Present (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 28800 - History of Africa to the 19th Century

Pluralism and Diversity
PD/A
GER
2/B

Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact of the environment.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 28900 - Africa in the 19th and 20th Centuries (W)

Pluralism and Diversity
PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 30100 - History of the Ancient Near East

GER
3/B

Political and cultural developments in Egypt, Mesopotamia, Syria-Palestine, Asia Minor, Persia ca. 3000 BCE to 323 BCE.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 30900 - Jewish History in the Ancient World
Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 37300 - History of the Ottoman Empire (W)

Pluralism and Diversity
PD/A
GER
3/B

This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the 12th-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.
prereq: ENGL 12000
3 hrs
3 cr.

HIST 37700 - Ancient and Imperial China to 1800

GER
3/B

China's traditions and transformation from Neolithic times to the late-imperial period, emphasizing state/society relations and the development of the centralized bureaucratic political system; covers political, economic, religious and social developments.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 37800 - China Since 1800

GER
3/B

Internal and external challenges to China's traditional order; the collapse of the imperial system and the establishment of a republic; the warlord period; the war against Japan; the civil war between Communist and Nationalist forces; China since the rise of the Communist Party to state power in 1949.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 37900 - Japan to 1800
Pluralism and Diversity
PD/A
GER
3/B

Japanese history from Neolithic times to the late Tokugawa period, emphasizing political, social, religious and cultural developments. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 38000 - Japan since 1800

Pluralism and Diversity
PD/A
GER
3/B

Japan's remarkable transformation from the late Tokugawa to the present, emphasizing political, cultural and social-economic aspects of the Meiji Restoration, the rise of militarism and post-World War II developments. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 38500 - Problems in Non-Western History (W)

GER
3/B

Intensive reading and research in selected topics. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 38900 - History of South Asia

GER
3/B

History of India and nearby countries from the ancient to modern times. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 39000 - History of Modern West Africa

GER
3/B

Impact of Islam, Christianity and colonialism. Analysis of African nationalism and problems of independence. Courses at the 300-level and above not offered to freshmen.
HIST 48500 - Problems in Non-Western History (Honors) (W)

GER
3/B

Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
3 hrs
3 cr.

HIST 14100 - Contemporary Issues in Historical Perspective (W)

Selected themes in history that bear on current problems and situations.
3 hrs
3 cr.

HIST 25000 - Historical Issues (W)

Pluralism and Diversity
PD/B (HIST 25004 only)
Study of selected historical themes and issues. Topics vary each semester. May be taken a second time.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 29000 - History Practicum (W)

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed “hands-on” experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more self-directed, substantial and independent historical research projects in the future.
prereq: ENGL 12000; 6 cr in history and permission of the department
3 hrs.
3 cr.

HIST 29100 - Historical Methods

The study of history, its sources and its methods.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 30000 - Historical Research (W)

GER
3/B

Independent research related to a prior upper-level course already completed under the supervising instructor. The
research will result in an extensive paper.

Courses at the 300-level and above not offered to freshmen.

**HIST 34100 - Topics in History (W)**

GER
3/B

Exploration of major trends, special controversies or significant events; topics vary each term.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 34122 - Latin American Political Economy**

GER
3/B

courses at the 300-level and above not open to freshmen

3 hrs
3 cr.

**HIST 34139 - African Influences in the Americas**

GER
3/B

Courses at the 300-level and above not open to freshmen

3 hrs
3 cr.

**HIST 38200 - Historical Studies Seminar**

GER
3/B

Topics vary each term.
Courses at the 300-level and above not offered to freshmen.

prereq: GPA 2.8; history GPA 3.5

3 hrs
3 cr.

**HIST 39100 - Historical Restoration and Museum Work**

GER
3/B
Introduction to museum work.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 40000 - Historical Research [H]

GER
3/B

The origins of history writing and the modern historical profession; modes of historical research; the evaluation of historical evidence; the historical and social uses of history. Recommended for all history majors. Required of students who wish to graduate with honors in history.
Courses at the 300-level and above not offered to freshmen.
prereq: not open to students who have completed fewer than 80 credits
3 hrs
3 cr.

HIST 49200 - Honors Seminar in Historical Studies

3 hrs
3 cr.

HIST 49300 - Individual Tutorial Research Project

GER
3/B

Research paper under individual supervision of faculty member.
Courses at the 300-level and above not offered to freshmen.
prereq: perm chair and instr.
3 hrs
3 cr.

HIST 49800 - Internship

Work in professional institutions.
Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
1-6 cr.

HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

Pluralism and Diversity
PD/D
GER
3/B

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and
practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.

prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.

3 hrs
3 cr.
fall and spring; summer when possible

HR 22000 - Special Topics in Human Rights

This course covers special topics in human rights. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. The course may be repeated four times for credit with different topics.

prereq: ENGL 12000; HR 20000 is recommended but not required
3 hrs
3 cr.

HR 25000 - Human Rights Internship

This is a practicum course. It involves students participating in an organization that identifies its mission as the promotion of human rights. The aim of the course is to educate students in the practical dimension of translating human rights discourse and law into practice. The course is required for students seeking a Human Rights Certificate or a minor in Human Rights.

prereq: ENGL 12000 or equivalent; HR 20000 or equivalent
3 hrs
3 cr.
fall, winter, spring, and summer

HR 26000 - Human Rights Internship Seminar (W)

This course critically evaluates the role of human rights organizations and human rights practices in determining the meaning and value of human rights.

prereq: ENGL 12000 and HR 20000
prereq or coreq: HR 25000
3 hrs
3 cr.
fall semesters on Wednesdays, 10:10 a.m. – 1:00 p.m. It is recommended that students not take an earlier Wednesday morning class, as site visits off campus may start at 10:00 a.m.

HR 32000 - Special Topics in Human Rights

This course covers special topics in human rights on an advanced undergraduate level. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or
themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. May be repeated four times for credit with different topics.

prereq: ENGL 12000; HR 20000 or Permission of Instructor or Permission of Human Rights Program Director
3 hrs
3 cr.

HR 35000 - Human Rights Capstone Seminar (W)

This course involves the theoretical examination of constitutive problems in the discourse and practice of human rights, especially as they would inform the composition of a human rights academic research project. It requires participating students to present their research projects in the seminar and to compose a 20-25 page research paper on a human rights topic.

This course is specifically designed for students who are pursuing a Certificate in Human Rights. This is a writing intensive course.
prereq or coreq: HR 26000
Offered spring only

HUM 15000 - Introductory Topics in Humanities and the Arts (W)

Hunter Core  
Creative Expression (CE)
Specific topics will be listed in the Schedule of Classes for a given semester.
prereq: in accordance with depts sponsoring the course
3-6 hrs
3 cr.

HUM 20100 - Explorations in the Arts

Hunter Core  
Creative Expression (CE)
GER  
2/D

Introduction to temporal and spatial arts with special emphasis on theatre, film, music, and visual arts. Focus on principles they share as well as on their distinguishing features. Attendance at artistic events in NYC.
3 hrs
3 cr.

HUM 25000 - Intermediate Topics in Humanities and the Arts

Specific topics will be listed in the Schedule of Classes for a given semester.

prereq: in accordance with depts sponsoring the course
3-6 hrs
3 cr.

HUM 35000 - Advanced Topics in Humanities and the Arts
Specific topics will be listed in the Schedule of Classes for a given semester.

*prereq: in accordance with depts sponsoring the course*
3-6 hrs
3 cr.

**JPN 10100 - Elementary Japanese I**

Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation. JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

**JPN 10200 - Elementary Japanese II**

Continuation of 10100.
*prereq: JPN 10100 or equiv.*
3 hrs
3 cr.

**JPN 20100 - Intermediate Japanese I**

Continuation of JPN 10100-10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.
*prereq: JPN 10200 or equiv.*
3 hrs
3 cr.

**JPN 20200 - Intermediate Japanese II**

Continuation of JPN 20100.
*prereq: JPN 20100 or equiv.*
3 hrs
3 cr.

**JPN 20400 - Intermediate Special Topics in Japanese Language**

3 hrs.
3 cr.

**JPN 25100 - Japanese Culture Before 1600**

Hunter Core
Individual and Society - Humanities (I&S H)
Pluralism and Diversity
PD/A
GER
2/C
Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian – to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries – most notably China – to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).

**JPN 25200 - Japanese Culture Since 1600**

**Pluralism and Diversity**
PD/A
GER
2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures – that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.

*prereq: ENGL 12000*
3 hours
3 credits

**JPN 26100 - Special Topics in Japanese Culture**

**Pluralism and Diversity**
PD/A
GER
2/C

Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the economic, political, and social conditions that shaped them.

*prereq or coreq: ENGL 12000*
3 hrs
3 cr.

**JPN 27100 - Japanese Reading: Recitation and Comprehension**

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.

*prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor*
3 hrs
3 cr.

**JPN 30100 - Advanced Japanese I**
Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.  
**prereq:** JPN 20200 or equiv.  
3 hrs  
3 cr.

**JPN 30200 - Advanced Japanese II**

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.  
**prereq:** JPN 30100 or equiv.  
3 hrs  
3 cr.

**JPN 30300 - Special Topics in Japanese Culture**

An in-depth examination of the key figures, social circumstances, politics, and various artistic forms that are integral to understanding Japan's traditions and culture.  
**prereq:** ENGL 12000 and one 200- or 300-level JPN course  
3 hrs  
3 cr.

**JPN 30300 - Special Topics In Traditional Japanese Culture**

An in-depth examination of the key figures, social circumstances, politics, and various artistic forms that are integral to understanding Japan's traditions and culture.  
**prereq:** ENGL 12000 and one 200 or 300 level JPN course  
3 hrs  
3 cr.

**JPN 30400 - Special Topics in Japanese Language**

Building on the foundational knowledge of grammar and writing taught in Japanese 10100-20200, this course will teach students ways to apply that knowledge to different areas including Japanese business, literature, news, and media. A primary aim of this course is to help students integrate and apply previous knowledge in real world contexts.  
**prereq:** JPN 20200  
3 hrs.  
3 cr.

**JPN 35100 - Advanced Japanese Conversation**

This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered.  
**prereq:** JPN 20200 (intermediate Japanese II) or perm instructor  
3 hrs  
3 cr.

**JPN 40300 - Special Topics In Contemporary Japanese Culture**
An in-depth examination of Japanese culture from 1900 to the present. Utilizing Japanese cultural theory, plays, manga, film, and performance writing, this course will examine the relationship of contemporary Japanese culture to shifts in the arenas of arts, society, economy, and politics.

prereq: ENGL 12000 and one 200- or 300-level JPN course

3 hrs

3 cr.

JPN 40400 - Advanced Special Topics in Japanese Language

This course offers an in-depth examination and analysis of the Japanese language through topics such as linguistics, translation, and pedagogy. All of the topics offered in this course are aimed to equip students with practical tools to understand and analyze various topics related to the Japanese language with the aim of use after graduation for employment, graduate studies, and/or study abroad.

prereq or coreq: Any JPN 300 level class

3 hrs.

3 cr.

JPN 42100 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.

1 hr

1 cr.

JPN 42101 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.

1 hr

1 cr.

JPN 42102 - Independent Study in Japanese

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.

2 hrs

2 cr.

JPN 42103 - Independent Study in Japanese
This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
3 hrs
3 cr.

JS 15000 - Special Topics in Jewish Studies
Pluralism and Diversity
PD/A
Special Topics related to Jewish Studies at the introductory level.

3 hrs
3 cr.

JS 25000 - Special Topics in Jewish Studies
Pluralism and Diversity
PD/A
Special Topics related to Jewish Studies that move beyond the introductory level into more detailed understandings of the subject.

3 hrs
3 cr.

JS 25000 - Special Topics in Jewish Studies
Pluralism and Diversity
PD/A
Special topics related to Jewish Studies that move beyond the introductory level into more detailed understandings of the subject.
prereq: None
3 hrs
3 cr.

JS 30000 - Independent Studies
Not open to students who have completed fewer than 30 credits. Guided readings under faculty supervision on a topic in Jewish Social Studies. May be repeated up to 3 times for a total of not more than 9 credits.
prereq: 3 cr. in Jewish Studies recommended
1-6 hrs
1-6 cr.

JS 31000 - Jewish Studies Fieldwork
Supervised experience in a Jewish community agency, periodic consultation with program director and preparation of report or term paper based on the experience. May be taken twice for a total of 6 cr.
prereq: qualified Jr/Sr.
JS 35000 - Special Topics in Jewish Studies

Pluralism and Diversity
PD/A
Special Topics related to Jewish Studies that go into advanced studies of the field.

3 hrs
3 cr.

JS 40000 - Individual Honors Project

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required. Selected topics and problems in Jewish studies. qualified Jr/Sr, perm instr. or program director
prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
3-6 cr.

JS 41050 - Jewish Studies Seminar I

Selected topics and problems in Jewish studies.
prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr. each

JS 41051 - Jewish Studies Seminar II

Selected topics and problems in Jewish studies.
prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr. each

LAT 10100 - Beginning Latin 1

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.
3 hrs.
3 cr.
offered fall

LAT 10200 - Beginning Latin 2

3 hrs.
3 cr.
offered spring

LAT 10700 - Beginning Latin, Intensive
6 hrs
6 cr.
usually offered spring and summer

LAT 20100 - Ovid's Metamorphoses

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20200 - Roman Biography

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20300 - Vergil's Aeneid

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20400 - Cicero's De Senectute

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 21100 - Latin Reading: Prose

Intermediate-level course in reading Latin prose. Offered in the Fall.

prereq: LAT 10200 or LAT 10700
3 hrs
3 cr.
offered fall

LAT 21100 - Latin Reading: Prose

Intermediate-level course in reading Latin prose.

prereq: LAT 10200 or LAT 10700
3 hrs
3 cr.
offered fall

LAT 21200 - Latin Reading: Poetry

Intermediate-level course in reading Latin poetry, usually Virgil or Ovid, in alternating semesters. Offered in the Spring. may be taken twice for credit toward the degree if different authors are read and only with departmental
permission. Students who have taken LAT 20100 or LAT 20300 must receive departmental permission to take this course.

prereq: LAT 21100; Not open to students who have taken LAT 20100 or LAT 20300.
3 hrs
3 cr.

LAT 22000 - Medieval Latin

prereq: LAT 11000 or equiv.
3 hrs
3 cr.
offered summer

LAT 30200 - Roman Letter

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30300 - Roman Comedy

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30400 - Roman Satire

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30500 - Vergil's Eclogues and Georgics

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30600 - Cicero

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30700 - Lucretius' De Rerum Natura

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30800 - Roman Epic
LAT 30900 - Lyric Poetry of the Golden Age

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31000 - The Roman Novel

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31100 - Elegiac Poets

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31200 - Livy

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31300 - Caesar

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31400 - Tacitus

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 32000 - Topics in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.

prereq: LAT 20100 or 20200 or 20300 or equivalent
3 hrs
3 cr.

LAT 42100 - Independent Study in Latin Literature
Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.

*prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr.*

**LACS 33000 - Latin America and the Caribbean Field Course/Internship**

A field course for students to study in the region or who are interning in an institution either in the New York area or in the region. Major research paper based on field or internship experience.

*3 cr.*

**LACS 43400 - Seminar in Latin American and Caribbean Studies**

Open to sophomores, juniors, and seniors who have completed at least 18 credits in LACS or have instructor permission. Interdisciplinary reading, research, and discussion of selected topics involving cultural, economic, political, and social problems. Research paper required. May be repeated for a maximum of 6 edits.

*3 cr.*

**MHC 10000 - MHC Seminar 1, The Arts in New York City (W)**

*Hunter Core*
Creative Expression (CE)
Fulfills GER 2D, Visual and Performing Arts: Media, Art, Dance, Film, Music, Theatre

*prereq: Open to Macaulay Honors College students only
3 hours
3 credits*

**MHC 15000 - MHC Seminar 2: Peopling of New York (W)**

*Hunter Core*
Individual and Society (Social Sciences) -I&S SS
Fulfills GER 2B, Social Science: People and Their Societies.

*prereq: Open only to Macaulay Honors College students.
3 hours
3 credits*

**MHC 20000 - MHC Seminar 3: Science and Technology (W)**

*Hunter Core*
Scientific World (SW)

*GER
GER 3B*

*prereq: Macaulay Honors College only. ENGL 12000; MHC 15000 or its equivalent at another CUNY Honors College campus
3 hours
3 credits*

**MHC 25000 - MHC Seminar 4: Shaping the Future of New York City (W)**
Math 101EN - Algebra for College Students - Enhanced

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

Prerequisite: Department Permission

6 hrs
3 cr.

Math 10000 - Basic Structures of Mathematics

Hunter Core
Math/Quantitative Reasoning

GER
1/B

Not open to students who have received credit for any math or stat course that satisfies the GER 1/B requirement. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics. This course is a terminal course and does not serve as a prerequisite to any other course in the department.

Prerequisite: CUNY Math Proficiency

3 hrs
3 cr.

Math 10100 - Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

Prerequisite: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)
3 cr.

Math 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

Prerequisite: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs
1 cr.
MATH 10200 - Mathematics and Everyday Life

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Students will learn how to model real world problems with mathematics, and learn techniques for solving them. Topics include personal finance, statistical reasoning, probability, exponential growth, and voting theory.

prereq: CUNY Math Proficiency
3 hours
3 credits

MATH 10400 (STEM) - Mathematics for Elementary Education I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.

prereq: grade of C or better in MATH 10100 or MATH 101EN or appropriate score on the placement exam
3 hrs
3 cr.

MATH 10500 - Mathematics for Elementary Education II

GER
1/B

Continuation of MATH 10400. Continuation of the content of the mathematics recommended by the NCTM for prospective elementary school teachers, including probability, statistics, plane and transformational geometry, congruence and similarity.

prereq: grade of C or better in MATH 10400
3 hrs
3 cr.

MATH 11000 - Topics in the Mathematical Sciences

GER
1/B

Not open to students who have completed MATH 10500, 16000 or 26000. Intended for liberal arts or social science students. Applications of topics selected from algebra, analysis, computer science, geometry, probability and statistics.

prereq: college-level mathematics or statistics course.
3 hrs
3 cr.

MATH 11100 - Matrices, Vectors and Linear Programming
Not open to students who have completed MATH 16000 or 26000. Recommended for accounting students; not recommended for students majoring in mathematics or statistics. Introduction to matrices and vectors, systems of linear equations and linear programming with applications.

prereq: MATH 10100 or MATH 101EN or appropriate score on placement exam
3 hrs
3 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.

Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.
MATH 12600 - Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving precalculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.

prereq: MATH 12400, MATH 12500, or MATH 12550 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15200 (STEM) - Calculus for Life and Social Sciences

Limits, continuity and the derivative. The power rule, product and quotient rules, the chain rule, and implicit differentiation. The Mean Value Theorem and the Intermediate Value Theorem. Curve sketching and optimization, and linear approximation. Riemann integral and the Fundamental Theorem of Calculus. Various applications to economics, life sciences, and physical sciences. Students will not be allowed to obtain credit for both MATH 15200 and MATH 15000 (STEM) . Students planning on taking more than one semester of calculus should take MATH 15000 (STEM) instead.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, and coreq MATH 14000; or appropriate score on placement exam.
Not open to students who have taken MATH 15000.
4 hrs
4 cr.

MATH 15400 - An Introduction to Symbolic Computation
Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.

**MATH 15500 (STEM) - Calculus II**

**Prereq:** MATH 15000

2 hrs

1 cr.

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**Prereq:** MATH 15000  
**Prereq or Coreq:** MATH 15500

2 hrs

1 cr.

**MATH 16000 - Matrix Algebra**

**Ger**

1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

**Prereq:** MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs

3 cr.

**MATH 25000 - Calculus III**

**Ger**

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**Prereq:** MATH 15500, MATH 15600

4 hrs

4 cr.

**MATH 25400 - Ordinary Differential Equations**
GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

prereq: MATH 25000
3 hrs
3 cr.

MATH 25500 - Vector Analysis

GER
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.

prereq: MATH 25000
3 hrs
3 cr.

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

MATH 27500 - Symbolic Logic

GER
3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.

cross-listed PHILO 27500
prereq: MATH 15600
3 hrs
3 cr.

MATH 29500 - Intermediate Topics in Mathematics

GER
3/B

May be repeated as topics vary, but not more than twice. Topics to be studied in any given term will be announced prior to registration.

prereq: MATH 15000; additional prereqs depend on specific course offered
3 hrs
3 cr.
MATH 30100 - Mathematical Methods for the Physical Sciences

GER
3/B

The solution of linear partial differential equations and boundary value problems. Solution techniques such as separation of variables, Fourier series, Green's functions and Laplace transforms are covered. These are applied to several equations which occur in physical applications such as the heat equation, the Laplace equation and the wave equation. Crosslisted as PHYS 30100.

*prereq: MATH 25400
3 hrs
3 cr.*

MATH 31100 - Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings.

*prereq: MATH 26000
3 hrs
3 cr.*

MATH 31200 - Abstract Algebra II

GER
3/B

Elements of Galois theory, construction with ruler and compass, advanced topics in ring theory and linear algebra.

*prereq: MATH 31100
3 hrs
3 cr.*

MATH 31300 - Theory of Numbers

GER
3/B

Congruences, quadratic residues, elementary Diophantine analysis, continued fractions, sums of squares.

*prereq: MATH 26000
3 hrs
3 cr.*

MATH 33100 - Geometries

GER
3/B

Topics in affine and projective geometry and/or topics in differential geometry.

*prereq: MATH 26000*
MATH 34000 - Topology

GER
3/B

Metric and topological spaces, continuity, homeomorphisms, compactness, connectedness, homotopy, fundamental group.

Prereq: MATH 35100

3 hrs
3 cr.

MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.

Prereq: MATH 25000, 26000

3 hrs
3 cr.

MATH 35200 - Mathematical Analysis II

GER
3/B

Integration, sequences and series, uniform convergence, differentiation of functions of several variables, inverse and implicit function theorems, formula for change of variables.

Prereq: MATH 35100

3 hrs
3 cr.

MATH 35300 - Introduction To Complex Variables

GER
3/B

Complex numbers, analytic functions, elementary functions, contour integrals, Cauchy integral theory, series.

Prereq: MATH 15600, 25500

3 hrs
3 cr.

MATH 35400 - Dynamical Systems and Chaos

GER
3/B
Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete one-dimensional dynamical systems.

**MATH 37000 - Mathematical Logic**

GER

3/B

A survey of the central results and techniques of metalogic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem Theorem and Church's Theorem on undecidability. Cross-listed as PHILO 37500 and CSCI 37100.

**prereq:** MATH 26000 or permission of the instructor

3 hrs

3 cr.

**MATH 37100 - Fundamental Concepts of Modern Mathematics**

GER

3/B

Axiomatic approach to set theory: axiom of choice, Zorn's Lemma, transfinite arithmetic.

**prereq:** two of the following: MATH 26000, 31100, 35100, 35200

3 hrs

3 cr.

**MATH 37200 - Logic and Computers**

This course introduces students to logic and its applications to modeling both computer and real-world systems. Topics include various logics and their applications to modeling systems and reasoning for artificial intelligence, along with proof systems and tools for automated or semi-automated reasoning in these logics.

**cross-listed** CSCI 37200/PHILO 37200

**prereq:** CSCI 15000 OR PHILO/CSCI/MATH 27500

3 hrs

3 cr.

**MATH 37600 - Philosophy of Mathematics (W)**

GER

3/B

Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. Cross-listed as PHIL 37600.

**prereq:** ENGL 12000; PHIL 10100, MATH 27500

3 hrs

3 cr.

**MATH 37700 - Non-classical Logic**
Logic is the systematic and precise study of reasoning—a topic of particular interest to mathematicians and computer scientists as well as philosophers. Philosophers have often functioned as the research and development wing of this collaboration, thinking up and formalizing new logical techniques and systems designed to solve problems that can't be solved by traditional (a.k.a. "classical") logic. This course will be an introduction to some of these non-classical logics, their philosophical motivations, and some of their applications.

cross-listed PHILO 37700, CSCI 37700
prereq: PHILO 27500 or MATH 27500 or CSCI 27500
3 hrs
3 crs.

MATH 38500 - Numerical Methods I

GER
3/B

Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations.
prereq: MATH 25000 and MATH 26000 or permission of the instructor
3 hrs
3 cr.

MATH 39100 - Independent Study in Mathematics

GER
3/B

Open to Jr/Sr only. Independent study and reading under direction of faculty member.
prereq: departmental permission
1 hr
1 cr.

MATH 39200 - Independent Study in Mathematics

GER
3/B

Open to Jr/Sr only. Independent study and reading under direction of faculty member.
prereq: departmental permission
2 hrs
2 cr.

MATH 39300 - Independent Study in Mathematics

GER
3/B

Open to Jr/Sr only. Independent study and reading under direction of faculty member.
prereq: departmental permission
3 hrs
3 cr.
MATH 39500 - Advanced Topics in Mathematics

GER
3/B

Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.
prereq: MATH 25000, 26000; additional prereqs depend on specific course offered
3 hrs
3 cr.

MATH 45400 - Calculus on Manifolds

GER
3/B

Functions on Euclidean space, implicit function theorem, Fubini's Theorem, integration on chains and manifolds.
prereq: MATH 35200
3 hrs
3 cr.

MATH 48500 - Numerical Methods II

GER
3/B

Advanced topics in numerical solutions to partial differential equations, finite element method, von Neumann stability analysis, finite difference method. Examples from computational fluid dynamics and structural mechanics. Cross-listed as CSCI 48500 and PHYS 48500.
prereq: MATH 38500 or permission of instructor
3 hrs
3 cr.

MATH 49000 - Honors Seminar

GER
3/B

prereq: MATH 31100, 35100, departmental permission
3 hrs
3 cr.

STAT 11000 - Selected Topics in Elementary Probability and Statistics as Applied to Popular Science and Current Events

GER
1/B

Topics to be studied in any given term will be announced prior to registration. This course does not serve as a prerequisite for any other mathematics or statistics course. This course is a topics course that serves as an introduction to selected topics in probability and statistics with applications to the real world.
**STAT 11300 - Elementary Probability and Statistics**

**Hunter Core**  
Math/Quantitative Reasoning  
GER  
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.  
*prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam*  
*prereq or coreq: ENGL 12000*  
3 hrs  
3 cr.

**STAT 21200 - Discrete Probability**

**Hunter Core**  
Math/Quantitative Reasoning  
GER  
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.  
*prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.*  
3 hrs  
3 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**  
Math/Quantitative Reasoning  
GER  
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.  
*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*  
3 hrs  
3 cr.

**STAT 21400 - Data Analysis Using Statistical Software**
Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building

*prereq: STAT 21300 or MATH 12400 or MATH 12500 or MATH 12550 and STAT 11300 with grade of C or better in each course.*

3 hrs
3 cr.

**STAT 22000 - Statistical Analysis in Forensics**

A second course in probability and statistics and the evaluation of evidence in the forensic sciences.

*prereq: STAT 21200 and either STAT 21300 or 11300 by permission of instructor. One of the above, i.e., STAT 21200 or STAT 21300 or STAT 11300 by permission of instructor may be taken as a coreq.*

3 hrs
3 cr.

**STAT 29500 - Intermediate Topics in Statistics**

Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.

*prereq: STAT 21300 or STAT 11300 and MATH 12400 or MATH 12500 or MATH 12550; additional prereqs. depend on specific course offered.*

3 hrs
3 cr.

**STAT 31100 - Probability Theory**

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.

*prereq: MATH 25000.*

3 hrs
3 cr.

**STAT 31200 - Stochastic Processes**

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.

*prereq: STAT 31100*  
3 hrs  
3 cr.
STAT 31300 - Introduction to Mathematical Statistics

GER
3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.

prereq: STAT 31100
3 hrs
3 cr.

STAT 31900 - Bayesian Statistical Inference in the Sciences

GER
3/B


prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
3 hrs
3 cr

STAT 35100 - Advanced Biometrics

GER
3/B

A second course in statistics covering quantitative methods applicable in the life sciences. Topics include experimental design, life table analysis, ethical issues, survival analysis, logistic regression and Cox regression. Linear algebra recommended but not required.

prereq: math at level of MATH 12400, MATH 12500, MATH 12550, STAT 11300, 21300
3 hrs
3 cr.

STAT 39100 - Independent Study

GER
3/B

Open to Jr/Sr majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.

prereq: departmental permission
1 hr
1 cr.

STAT 39200 - Independent Study
OPEN to Jr/Sr majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.

**STAT 39300 - Independent Study**

GER
3/B

Open to Jr/Sr Majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.

**STAT 39500 - Advanced Topics in Statistics**

GER
3/B

Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.

**prereq:** STAT 31100; STAT 31200 or 31300; additional prereqs. depend on specific course offered

3 hrs
3 cr.

**STAT 48600 - Modeling and Visualization**

GER
3/B

The development of continuous mathematical models, the resolution of the resulting differential equations by numerical techniques and the visualization of the simulated data. Problems come from various areas of the social, biological and physical sciences. Project required. Course may be used to qualify for departmental honors.

**prereq:** departmental permission

3 hrs
3 cr.

**MLS 31200 - Human Physiology: Integration and Control**

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.

**prereq:** BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.

3 hrs
3 cr.
**MLS 34700 - Human Histology**

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.

coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr.

**MLS 40066 - Topics: Biohazards and Emergency Response**

This cross-listed undergraduate/masters class covers the biology of microorganisms and toxins most frequently considered in perpetrated attacks. It also considers technology for detection and control for first responders, lab practitioners and other healthcare professionals, emergency communication, and prevention. In addition to classroom activities, students participate in group projects to simulate bioterrorism events and responses; government regulation, chain of evidence, and related topics are covered.
cross-listed MLS 77025
3 hours
3 credits

**MLS 40067 - Topics: Medical Technology**

A review of various disciplines in clinical laboratory technology with a particular focus on clinical chemistry. Recommended for students intending to take the NYSED licensure exam for clinical laboratory technologists.

prereq: MLS 35400 and MLS 35500
3 hrs
3 cr.

**MLS 45000 - Cell and Tissue Culture**

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.

prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr.

**MLS 46000 - Immunology**

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.

prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr.

**MLS 48001-48003 - Independent Study**

prereq or coreq: departmental permission
1-3
MLS 49000 - Honors

prereq: departmental permission
hrs TBA
3 cr.

MLSP 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment.
MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr.

MLSP 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35200 - Clinical Microbiology II

Continuation of MLSP 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLSP 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.

MLSP 35400 - Clinical Biochemistry I: Biomolecules & Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr.

MLSP 35500 - Clinical Biochemistry II: Genes to Proteins
Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.

**prereq:** MLSP 35400

5 hrs (2 lec, 3 lab)

3.5 cr.

**MLSP 36100 - Computers and Data Processing in the Medical Laboratory**

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.

**prereq:** MATH 15000 or STAT 11300

3 hrs (1 lec, 2 lab)

3 cr.

**MLSP 40000 - Topics in Biomedical Sciences**

Topics vary from semester to semester and are announced before registration.

1-3 hrs

1-3 cr.

**MLSP 41000 - Professional Practice**

Directed full-time experience in clinical, research, public health or other biomedical laboratories. Arranged on an individual basis.

**prereq:** departmental permission

8 weeks

3 cr.

**MLSP 43000 - Immunohematology**

Study of the immunologic properties of blood associated with blood group systems, donor screening, transfusion reactions and hemolytic disease and laboratory techniques used to characterize antigen-antibody reactions.

**prereq:** MLSP 34900

3 hrs (2 lec, 1 lab)

3 cr.

**MLSP 45700 - Senior Seminar**

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science.

**prereq:** perm instr.

2 hrs

3 cr.

**MUSHL 10100 - A Thousand Years of Listening**

**Hunter Core**

Creative Expression (CE)

Pluralism and Diversity

PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr.

MUSHL 10700 - The World of Music

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
GER
2/D

For non-majors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.
3 hrs
3 cr.

MUSTH 10100 - Music Theory Fundamentals

Hunter Core
Creative Expression (CE)
GER
2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr.

MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

MUSHL 20500 - Music History I

Pluralism and Diversity
PD/D

For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
MUSHL 20600 - Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

MUSHL 21000 - Music for the Piano (W)

Pluralism and Diversity
GER 3/A PD/D
Piano literature from the 18th century to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20000, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 21200 - Masterpieces of Opera (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of operatic styles of such composers as Mozart, Verdi, and Wagner.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 21700 - History of Jazz (W)

Pluralism and Diversity
PD/B
GER
3/A
Survey of jazz from its origins to the present.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 22000 - History of Rock
An introduction to rock music from the 1950s to the present, examined from musical and cultural perspectives.

prereq: ENGL 12000 and MUSHL 10100 or MUSHL 10700 or MUSHL 20500 or MUSTH 10100
3 hrs
3 cr.

MUSHL 22100 - Black Music in the Americas (W)

Pluralism and Diversity
PD/B
GER
3/A

The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general.

prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 22700 - Master Composers (W)

GER
3/A

Study of works of single composer. Topics to be announced. May be taken 6 times.

prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 23100 - Folk and Traditional Music (W)

GER
3/A

Study of ethnic music of selected cultures.

prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

MUSHL 24000 - Music of the Caribbean and Latin America (W)

Pluralism and Diversity
GER 3/A PD/A

Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.

prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3 cr.

MUSHL 24100 - Music of Asia (W)
Music and its relationship to dance and drama in the major civilizations of East Asia, Southeast Asia, South Asia, Central Asia, and the Middle East.

MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.

MUSHL 24500 - Music of Africa (W)

Introduction to traditional and popular African music and performance practices. Theoretical and methodological issues as defined by ethnomusicology.

MUSHL 25000 - Women and Music (W)

An ethnomusicological study of women and music in cross-cultural perspective.

cross-listed WGS 25000 (W)

MUSHL 25200 - Film Music (W)
Introduction to the history, aesthetic, form and techniques of film music, for everyone interested in film or film music, from the casual viewer of television movies and videotapes to film and music majors.

*prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.*

3 hrs
3 cr.

**MUSHL 26100 - Special Topics in History and Literature of Music (W)**

**Pluralism and Diversity**
**PD/A or B or C**
**GER**
3/A

Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times. Depending on topic, may satisfy PD.

*prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.*

3 hrs
3 cr.

**MUSHL 26200 - Special Topics in Music (W)**

A study of a musical topic outside the traditional classifications of music history, theory, and performance. Topics to be announced.

*prereq: ENGL 12000; MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.*

3 hrs
3 cr.

**MUSHL 30500 - Music History III (W)**

**Pluralism and Diversity**
**PD/D**
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.

*prereq: MUSHL 20600, MUSTH 22100, 23100*

3 hrs
3 cr.
offered fall

**MUSHL 30600 - Music History IV (W)**

**Pluralism and Diversity**
**PD/D**
Central issues in the history of European music, such as the role of patronage in musical culture, relationships of musical style to instruments and performing ensembles, and the impact of historical consciousness on contemporary musical life.

*prereq: MUSHL 30500*

3 hrs
3 cr.
offered spring

**MUSHL 35200 - Introduction to Ethnomusicology I (W)**
Pluralism and Diversity
PD/A
\textit{prereq: \textit{MUSTH 22100, 23100 or perm instr; ENGL 12000}}
3 hrs
3 cr.

\textbf{MUSHL 35300 - Introduction to Ethnomusicology II (W)}

Pluralism and Diversity
PD/A
Survey of musical traditions of North Africa, the Middle East, Oceania, and South and East Asia.
\textit{prereq: \textit{MUSTH 22100, 23100 or perm instr; ENGL 12000}}
3 hrs
3 cr.

\textbf{MUSHL 36100 - Special Topics in History and Literature of Music (W)}

Specialized study of selected genre, locality, period, style, composer, or problem. Topics to be announced. May be taken 6 times.
\textit{prereq: ENGL 12000, variable music courses}
3 hrs
3 cr.

\textbf{MUSHL 49800 - Music Internship}

Internship in various arts institutions in New York City.
\textit{prereq: perm dept.}
1-6 cr.

\textbf{MUSPF 12100 - Elementary Guitar I}

For non majors. Class lessons in guitar: basic techniques, tuning, reading chord charts, playing and transposing songs, and learning chords, strums, and finger-pickings. Students must supply their own instruments.
\textit{prereq: MUSTH 10100 or perm dept.}
2 hrs
1 cr.

\textbf{MUSPF 12200 - Elementary Guitar II}

\textit{prereq: MUSPF 12100}
2 hrs
1 cr.

\textbf{MUSPF 13100 - Elementary Piano I}

For non majors. Class lessons in piano: basic techniques, playing simple pieces.
\textit{prereq: MUSTH 10100 or perm dept.}
2 hrs
1 cr.
**MUSPF 21100 - Voice I**

*prereq: declared music major or perm dept.*
2 hrs
1 cr.

**MUSPF 21200 - Voice II**

Continuation of MUSPF 21100.
*prereq: MUSPF 21100 or perm dept.*
2 hrs
1 cr.

**MUSPF 21300 - Piano I**

Basic piano techniques, scales and chords, exercises, simple pieces, and sight-reading.
*prereq: declared music major or perm dept.*
2 hrs
1 cr.

**MUSPF 21400 - Piano II**

Continuation of MUSPF 21300.
*prereq: MUSPF 21300 or perm dept.*
2 hrs
1 cr.

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr.

**MUSPF 23100 - Hunter Symphony**

Rehearsal and performance of orchestral works. May be taken 8 times.
*prereq: audition, perm instr.*
3 hrs
1 cr.

**MUSPF 24900 - Jazz Ensemble**

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.
2 hrs
1 cr.

**MUSPF 25000 - Jazz and Popular Music Combos**
Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R & B, Country/Bluegrass, and Jazz. May be taken 6 times.

prereq or coreq: audition, dept. permission required
2 hrs
1 cr.

MUSPF 25100 - Jazz Vocal Workshop Ensemble

Jazz performance and improvisation. May be taken 6 times.
prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition
2 hrs
1 cr.

MUSPF 34900 - Conducting I

Principles of choral and orchestral conducting: technique of the baton, interpretation, repertoire, and score reading.
prereq: MUSTH 33100 or perm instr.
coreq: audit MUSPF 22100 or 23100
3 hrs
2 cr.

MUSPF 35000 - Conducting II

Continuation of MUSPF 34900.
prereq: MUSPF 34900 and MUSTH 33100 or perm instr.
coreq: audit MUSPF 22100 or 23100
3 hrs
2 cr.

MUSPF 35300 - Chamber Singers

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr.

MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
prereq: audition, perm instr.
2 hrs
1 cr.

MUSPF 36100 - Special Studies in Performance of Music

Number of works are studied, rehearsed, and performed. Topics to be announced. May be taken 4 times.
prereq: perm dept.
1 cr.
MUSPF 36200 - Special Studies in Performance of Music

Number of works are studied, rehearsed, and performed. Topics to be announced. May be taken 4 times.

*prereq: perm dept.*

2 cr.

MUSPF 36300 - Special Studies in Performance of Music

Number of works are studied, rehearsed, and performed. Topics to be announced. May be taken 4 times.

*prereq: perm dept.*

3 cr.

MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance. May be taken 4 times.

*coreq: MUSPF 40100 or 43100*

2 hrs

1 cr.

MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance. May be taken 4 times.

*prereq: ENGL 12000*

*coreq: MUSPF 40100 or 43100*

2 hrs

1 cr.

MUSPF 37000 - Opera Performance

Preparation and performance of a fully staged opera. May be taken four times for credit.

*prereq: Dept, permission required.*

3 hrs

3 cr.

MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

*prereq: perm dept.*
MUSPF 40200 - Individual Instruction in Second Instrument or Voice

Individual instruction in second instrument or voice. Limited to the 42-credit BA music major, 25-credit BA music major, 60-credit BMus major, BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. May be taken 8 times.

prereq: perm dept.

1 hr
1 cr.

MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required. May be taken 8 times.

prereq: perm dept.

1 hr
3 cr.

MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing. 

prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.

1 hr
1 cr.
offered spring

MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000

3 hrs
3 cr.
offered fall

MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.

prereq: MUSTH 22000
coreq: MUSTH 23100

3 hrs
3 cr.
offered spring

MUSTH 23000 - Musicianship I
Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

**coreq:** MUSTH 22000

*3 hrs*  
*2 cr.*  
*offered fall*

**MUSTH 23100 - Musicianship II**

Continuation of MUSTH 23000.

*prereq: MUSTH 23000*  
*coreq: MUSTH 22100*  
*3 hrs*  
*2 cr.*  
*offered spring*

**MUSTH 32000 - Music Theory III**

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

*prereq: MUSTH 20100, MUSTH 22100*  
*coreq: MUSTH 33000*  
*3 hrs*  
*3 cr.*  
*offered fall*

**MUSTH 32100 - Music Theory IV**

Continuation of MUSTH 32000.

*prereq: MUSTH 32000*  
*3 hrs*  
*3 cr.*

**MUSTH 33000 - Musicianship III**

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.

*prereq: MUSTH 23100*  
*coreq: MUSTH 32000*  
*3 hrs*  
*2 cr.*  
*offered fall*

**MUSTH 33100 - Musicianship IV**

Continuation of MUSTH 33000.

*prereq: MUSTH 33000*  
*coreq: MUSTH 32100*  
*3 hrs*  
*2 cr.*  
*offered spring*
MUSTH 33300 - Composition I

Practical study of music composition; traditional pitch materials; motivic materials; formal schemes. Students will write several short compositions and perform them in class.

prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr.

MUSTH 33400 - Composition II

Practical study of music composition. New pitch materials; composing for solo instruments; using contrast to build form. Students will write several short compositions and perform them in class. May be taken before Composition I.

prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr.

MUSTH 33500 - Orchestration

Capabilities and limitations of the orchestral instruments; practice in scoring for small and large groups; instrument demonstrations and reading session.

prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr.

MUSTH 35100 - Computer Music

Making music with computers using technologies such as MIDI sequencing, hardware synthesis, and digital audio. Promises and limitations of these tools.

prereq: MUSTH 22100 and 23100 or perm dept.
3 hrs
3 cr.

MUSTH 36100 - Special Topics in Music Theory

Study of selected issues in music theory and analysis. Topics to be announced. May be taken two times.

prereq: variable
3 hrs
3 cr.

MUSTH 37000 - Jazz Harmony and Arranging

Study of jazz harmony and rhythm, jazz composition, and jazz arranging.

prereq: MUSTH 20100, 22100 and 23100 or perm dept.
3 hrs
3 cr

MUSTH 37100 - Jazz Improvisation
Study and performance of jazz improvisational techniques.

*prereq: MUSTH 37000 or perm dept.*

3 hrs

3 cr

**MUSTH 38500 - Private Lessons in Composition**

Intensive study of music composition for advanced students. May be taken four times.

*prereq: MUSTH 33300, 33400, perm dept.*

3 hrs

3 cr.

**MUSTH 49100 - Honors Project**

Upper Jr/Sr only. Individual project of large scope in music history, theory, composition, or performance.

*prereq: minimum music GPA of 3.5, perm undergrad adviser*

1 sem

3 cr.

**MUSTH 49200 - Honors Project**

*prereq: MUSTH 49100*

1 sem

3 cr.

**MUSIN 20101 - Individual Study Project**

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.

1 cr.

**MUSIN 20102 - Individual Study Project**

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.

2 cr.

**MUSIN 20103 - Individual Study Project**

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.

3 cr.

**MUSIN 30101 - Individual Study Project**
Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.

1 cr.

**MUSIN 30102 - Individual Study Project**

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.

2 cr.

**MUSIN 30103 - Individual Study Project**

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.

3 cr.

**MUSIN 40101 - Individual Study Project**

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.

1 cr.

**MUSIN 40102 - Individual Study Project**

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.

2 cr. per sem.

**MUSIN 40103 - Individual Study Project**

Limited to music majors and music minors. Independent work on a project of the student's choice under the guidance of an approved supervisor who will provide the course grade. Proposals for projects must be submitted to the policy committee of the Music Department by the twelfth week of the preceding semester. Permission to enroll in the course is conditional on approval of the proposal by the committee.

3 cr.

**NURS 20000 - Introduction to Nursing**

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: online
prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

**NURS 21000 - Nursing Fundamentals and Health Assessment**

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.

Material fee: $50.00
prereq: (Generic) BIO 12000, NURS 20000, NURS 24000
(A2D) CHEM 10000/10100; STAT 11300
coreq: (Generic): BIO 12200, BIO 23000, NURS 34300
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Assessment Lab; 45 hrs Clinical
4 cr.

**NURS 22000 - Adult Health and Illness**

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utilization of the nursing process, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experimental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00
prereq: (Generic) NURS 21000, NURS 34300, NURS 24000; BIO 12200, BIO 23000
(A2D): CHEM 10000/10100; STAT 11300
coreq: (Generic) NURS 33100; NURS 33200
(A2D): NURS 20000, NURS 21000, NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical
4 cr.

**NURS 24000 - Foundations of Genetics for Nurses**

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.

For RN to BS students only: online
prereq: (generic) CHEM 10000/10100, STAT 11300;
(RN-BS) CHEM 10000/10100
coreq: (generic) NURS 20000, NURS 21000
30 hrs. lecture
2 cr.
**NURS 33100 - Pharmacology I**

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse’s role in drug therapy.

*prereq:* 1. Generic Program: NURS 21000; NURS 34300; BIO 12200  
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300  
*coreq:* 1. Generic Program: NURS 22000, NURS 33200  
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000  
3 hrs  
3 cr.

**NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process**

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.

*prereq:* NURS 22000  
30 hrs  
2 cr.

**NURS 33400 - Pathopharmacology**

An intensive course focused on a molecular understanding of the disease process. The course emphasizes physiological disruptions, associated nursing care, and pharmacological management.

*for RN students only*  
online  
*prereq:* CHEM 10000/10100; BIOL 23000  
4 hrs  
4 cr.

**NURS 33900 - Pharmacology II**

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.

*prereq:* (Generic and A2D) NURS 22000; NURS 33100  
*coreq:* (generic) NURS 35200; NURS 36000  
(A2D) NURS 34300, NURS 35200, NURS 36000  
3 hrs.  
3 cr.

**NURS 34300 - Pathophysiology and Nursing Care**

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the
resulting clinical manifestations, and key nursing interventions.

**prereq:** 1. Generic Program: BIO 12000; NURS 20000; NURS 24000  
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000  
**coreq:** 1. Generic Program: BIO 12200, BIO 23000, NURS 21000  
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000  
45 hrs  
3 cr.

**NURS 34900 - Foundations of Ethics and End-of-Life Care**

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated “ELNEC Trained.”

**prereq:** NURS 22000  
**coreq:** NURS 45500; NURS 46000  
45 hrs. lecture  
3 hrs.

**NURS 35200 - Nursing Care of Women and Childbearing Families**

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women’s Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse’s key role in providing evidence-based care that is developmentally and culturally appropriate.

**prereq:** (generic & A2D) NURS 22000;  
NURS 33100  
**coreq:** (Generic ) NURS 33900; NURS 36000  
(A2D) NURS 33900, NURS 34300; NURS 36000  
30 hrs. Lecture, 90 hrs. Clinical  
4 cr.

**NURS 36000 - Nursing Care of Infants, Children, and Adolescents**

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.

**prereq:** NURS 22000; NURS 33100 (generic & A2D)  
**coreq:** (Generic) NURS 33900; NURS 35200  
(A2D) NURS 33900, NURS 34300; NURS 35200  
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical  
4 cr.
NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service-learning are introduced.

for RN students only

online
3 hrs
3 cr.

NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.

For RN to BS only: online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs
3 cr.

NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.

Fully online.
Material Fee: $45
prereq: CHEM 10000, CHEM 10100
3 hrs
3 cr.

NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs
3 cr.

NURS 42200 - Health Policy and Leadership

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other
health professions are addressed. The course examines nurses' roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
45 hrs: Lecture
3 cr.

**NURS 42300 - Foundations of Ethics and Palliative Care**

An introduction to ethics and palliative care in nursing.

for RN students: online

prereq: CHEM 10000/10100; STAT 11300
3 hrs
3 cr.

**NURS 45500 - Public Health Nursing**

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.

prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 46000
(A2D) NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.

**NURS 46000 - Mental and Behavioral Health Nursing**

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.

Material fee: $25.00

prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 45500
(A2D) NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

**NURS 46500 - Spirituality in Nursing Care**

This course prepares students to value, assess and respond to the spiritual needs of patients in diverse populations and communities.

coreq: NURS 20000, NURS 21000
NURS 47000 - Adult Acute Illness/Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and/or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.

prereq: NURS 45500, NURS 46000
coreq: (Generic) NURS 42200, NURS 49000, NURS 49200
(A2D) NURS 42000, NURS 49000, NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical
4 cr.

NURS 47100 - Nursing Care in Domestic and Global Disasters

This course prepares nurses to function clinically on a beginning level as a disaster team member. The focus is on triage of patients and leadership skills needed when social, health care and protective services have been disrupted due to natural or man-made disasters, including fires, earthquakes, floods, civil violence, and bioterrorism. Ethical and legal challenges to the scope of nursing practice are considered from the first responder's perspective.

prereq: NURS 20000, NURS 21000, NURS 22000
2 hrs.
2 cr.

NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement.

4 hrs
4 cr.

NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program.

Fully online-hybrid.

3 hrs
3 cr.

NURS 48500 - Contemporary Issues in Domestic and Global Healthcare

Students investigate current topics affecting health care delivery nationally and internationally from social, political, economic and ethical perspectives. Topics include, but are not limited to, barriers to implementing affordable care, the influence of pharmaceutical conglomerates, health effects of mass immigration and disease prevention oversight.

Students are expected to identify a developing issue and to prepare a response directed at legislators, professionals or a lay people, that is informative about the topic in a written format for possible publication. The course is structured to support the importance of life-long learning.

prereq: NURS 20000, NURS 21000, NURS 22000, NURS 35200, NURS 36000
coreq: NURS 45500, NURS 46000
NURS 49000 - Gerontological Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with inter-disciplinary health teams.

prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr.

NURS 49100 - Gerontology for Nurses

This course provides a knowledge and skill base for effective nursing care of older adult clients.

For RN students only
online
prereq: CHEM 10000/10100
3 hrs
3 cr.

NURS 49200 - Advanced Synthesis of Nursing Knowledge

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.

prereq: (generic) NURS 33900, NURS 34900, NURS 45500, NURS 46000
(A2D) NURS 33900, NURS 45500, NURS 46000 (A2D)
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
(A2D) NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs: Lab
2 cr.

NURS 34000 - Women's Health

Pluralism and Diversity
PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.
NURS 34200 - Ethical Issues in Nursing Practice

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

NURS 34500 - HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers

Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.

NURS 34600 - Death and Dying

Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.

NURS 35000 - Independent Study in Nursing

An opportunity to explore a topic relevant to nursing which is of individual interest.

NURS 35100 - Gender, Science and Technology

Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences.
cross-listed WGSS 35100

NURS 39998 - Urban Disaster Response and the Health Care Team

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member’s role and responsibilities within these systems.
NURS 44000 - Stress Management for Nurses

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.

NURS 44100 - Selected Studies in Nursing Research

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.

Prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100

NURS 44200 - Nursing Care of Acute and Critically Ill Clients

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.

NURS 44500 - Teaching-Learning Across the Developmental and Health Continua

Pedagogical/andragogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.

NURS 45000 - Computer Concepts and Application in Nursing

Study of computing concepts, principles, practices, and applications in nursing and health care.

NURS 48300 - Politics of Health

An analysis of the relationships between politics and health status, health services and health care providers.

NURS 49500 - Writing for Health Professionals: A Course for Undergraduates

In this course, students explore and refine their powers of observation, description, and expression through writing. Students engage in prompted narrative writing exercises and produce new out-of-class writings that are discussed in small groups and revised. The cultural and personal context in which writing is produced and read is emphasized. Scholarly and literary works are discussed, as are blogs. Students are guided to explore and test strategies for overcoming personal challenges to timely, effective writing.
prereq: ENGL 12000
45 hrs.
3 cr.

NFS 13100 - Food Science I

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr.

NFS 14100 - Nutrition

Hunter Core
Scientific World (SW)
Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr.

NFS 33200 - Cultural Aspects of Food and Nutrition

Study of the way in which cultural, social and technological factors influence food behavior and dietary patterns.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ANTHP 10100, SOC 101)
3 hrs
3 cr.

NFS 33300 - Nutrition Education

Introduction to the theories and principles of the teaching-learning process in the field of nutrition.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 33500 - Institutional Management

Overview of the theories, functions and tasks of management. Discussion of labor and effective methods for directing an operation with applications drawn from food service.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 34200 - Nutrition and Human Development

Nutritional needs throughout the life cycle: pregnancy, infancy, childhood, adolescence, adulthood and later years.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

**NFS 36100 - Food Policy**

Introductory food systems course that examines the myriad of actors, including government agencies, industry, and consumers, who shape food priorities and policies in the US.

*prereq: NFS major including BSMS & MHC NFS*

3 hrs
3 cr.

**NFS 40100 - Techniques of Communication in Nutrition**

Theory/practice of communications skills for nutritionists/food scientists. Includes food demonstrations, public relations, and advertising.

Open to NFS majors only and need department permission.

*prereq: NFS 33300*

3 hrs
3 cr.

**NFS 40100 - Topics in Nutrition & Food Science (variable NFS topics)**

Varied by topic. See department for description per course offering.

*prereq: Permission by department.*

1
1

**NFS 40200 - Seminar in Nutrition and Food Science**

Research in nutrition and food science; examination of professional goals.

Open to NFS majors only and need department permission.

*prereq: NFS 13100, 14100*

3 hrs
3 cr.

**NFS 40300 - Nutrition for Exercise & Sport**

Presents nutritional parameters of athletic performance including basic nutritional concepts, energy production and nutrients, vitamins and minerals, diet during training, timing and composition of intakes, hydration, weight management strategies, and nutritional needs for various athletic groups.

*prereq: NFS BS matriculant*

3 hrs
3 cr.

**NFS 41100,41200,41300 - Topics in Nutrition & Food Science (variable NFS topics)**

Varied by topic. See department for description per course offering.
NFS 43100 - Experimental Foods

Scientific approach to food testing; use of instruments and techniques in food and nutrition laboratories.
Open to NFS majors only and need department permission.
prereq: NFS 33100, 34100
5 hrs (2 lec, 3 lab)
3 cr.

NFS 43400 - Nutrition and the Elderly

Psychological, psychosocial, and economic problems of the elderly; how needs are met by government and private agencies. Application of nutrition to these problems.
Open to NFS majors only and need department permission.
prereq or coreq: NFS 34200, PSYCH 10000, SOC 10100
3 hrs
3 cr.

NFS 43500 - Food Service Systems

The organization and administration of a food service operation from the systems approach on the tactical and strategic level, stressing learning activities and competencies required by the American Dietetic Association.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 44100 - Community Nutrition

Analysis of nutrition services, legislation and policy; role and function of community nutritionists; nutrition education in a community setting.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 44351 - Practicum in Nutrition and Food Science

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
7 hrs (1 lec, 6 lab)
3 cr.

NFS 44352 - Practicum in Nutrition and Food Science

Practicum in institutions, agencies, business and research firms; projects.
Open to NFS majors only and need department permission.
prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr.

**NFS 44354 - Practicum in Nutrition and Food Science**

Practicum in institutions, agencies, business and research firms; projects. Open to NFS majors only and need department permission.
prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr.

**NFS 44355 - Practicum in Nutrition and Food Science**

Practicum in institutions, agencies, business and research firms; projects. Open to NFS majors only and need department permission.
prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr.

**NFS 44356 - Practicum in Nutrition and Food Science**

Practicum in institutions, agencies, business and research firms; projects. Open to NFS majors only and need department permission.
prereq: NFS 44200
7 hrs (1 lec, 6 lab)
3 cr.

**NFS 48031 - Independent Study in Nutrition and Food Science**

Open to NFS majors only and need department permission.
prereq: NFS 44200, perm dept. chair
hrs TBA
1 – 3 cr.
Respectively may be taken 1 or 2 sem.

**NFS 48032 - Independent Study in Nutrition and Food Science**

Open to NFS majors only and need department permission.
prereq: NFS 44200, perm dept. chair
hrs TBA
1 – 3 cr.
Respectively may be taken 1 or 2 sem.

**NFS 49000 - Honors in Nutrition and Food Science**

Supervised independent research project. A written report or suitable presentation is required. Proposal must be presented the semester before work is done.
prereq: NFS 44200, perm NFS coordinator
hrs TBA
3 cr.
PHILO 10100 - Introduction to Philosophy

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

Examination of basic philosophical questions through study of selected philosophical classics.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
offered each semester

PHILO 10400 - Introduction to Ethics and Moral Judgment

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

An introduction to theories of ethical reasoning and problems of moral judgment. Different theories of the good life and concepts of rightful conduct, especially regarding one's personal life and contemporary social problems, will be considered.

3 hrs
3 cr.
offered each semester

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester

PHILO 17000 - Introduction to Logic and Scientific Method

Hunter Core
Scientific World

An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr.
PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25200 - Problems of Law and Morality

GER
3/B

Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000
3 hrs
3 cr.

PHILO 25500 - Environmental Philosophy (W)

Hunter Core
Individual and Society (Social Sciences) I&S SS
Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.
prereq: ENGL 12000
3 hrs
3 cr.

PHILO 25600 - Philosophy and Literature (W)

Hunter Core
Creative Expression (CE)
GER
3/A

Analysis of major philosophical themes in some classics of world literature.
prereq: ENGL 12000
3 hrs
3 cr.

PHILO 25800 - Aesthetics (W)

GER
3/A

Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism and aesthetic value.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 34400 - Contemporary Theories in Ethics (W)

GER
3/A

A study of important theories in contemporary ethics, such as rule utilitarianism, intuitionism, prescriptivism, and constructivism.
prereq: 2 courses in philosophy, 1 at the 200-level.
3 hrs
3 cr

PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B
A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

PHILO 34700 - Critical Philosophy of Race (W)

Pluralism and Diversity
PD/B
Recent work in philosophy on the topic of race in relation to its validity as a concept, relation to science, and relevance for ethics and political philosophy.
prereq: ENGL 12000 plus two courses in philosophy, one of which must be at the 200-level.
3 hrs
3 cr.

PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
3 cr.

PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 21400 - Medieval Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major writings by medieval Arabic, Christian and Jewish philosophers such as Averroes, Aquinas and Maimonides.

 prerequisite: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.

 prerequisite: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

PHILO 21900 - Chinese Philosophy (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.

 prerequisite: ENGL 12000

3 hrs
3 cr.

PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.

 prerequisite: ENGL 12000

3 hrs
3 cr.

PHILO 22300 - Neoplatonism (W)
Pluralism and Diversity
PD/D
GER
3/A

A study of the main thinkers and ideas in ancient and medieval Neoplatonism, emphasizing Plotinus and Augustine.

prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

PHILO 22500 - American Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana and Dewey.

prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

PHILO 22600 - African-American Philosophy (W)

Hunter Core
US Experience in its Diversity (USED)
Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.

prereq: ENGL 12000

3 hrs
3 cr.

PHILO 22800 - Existentialism (W)

Pluralism and Diversity
PD/D
GER
3/A

Philosophical and literary writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.

prereq: ENGL 12000

3 hrs
3 cr.

PHILO 23000 - Feminist Philosophy (W)
Pluralism and Diversity
PD/C
GER
3/A

Survey of major ideas in feminist philosophy and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000
3 hrs
3 cr.

PHILO 31800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

prereq: ENGL 12000 and two previous courses in philosophy
3 hrs
3 cr.

PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of 20th century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.

prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr.

PHILO 32000 - Twentieth-Century Philosophy (W)

GER
3/A

Survey of such movements as pragmatism, process philosophy, analytic philosophy, existentialism, phenomenology, feminism and post modernism through consideration of such representative figures as Dewey, Moore, Whitehead, Russell, Husserl, Heidegger, Wittgenstein, Ayer, Sartre, De Beauvoir, Quine, Rorty and Rawls.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 27500 - Symbolic Logic
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations. 

cross-listed MATH 27500
3 hrs
3 cr.

PHILO 37200 - Logic and Computers

This course introduces students to logic and its applications to modeling both computer and real-world systems. Topics include various logics and their applications to modeling systems and reasoning for artificial intelligence, along with proof systems and tools for automated or semi-automated reasoning in these logics.

cross-listed CSCI 37200/MATH 37200
prereq: CSCI 15000 OR PHILO/CSCI/MATH 27500
3 hrs
3 cr.

PHILO 37500 - Advanced Symbolic Logic

GER
3/B

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability.

prereq: PHIL 27500 or equiv.
3 hrs
3 cr.

PHILO 37700 - Non-classical Logic

Logic is the systematic and precise study of reasoning—a topic of particular interest to mathematicians and computer scientists as well as philosophers. Philosophers have often functioned as the research and development wing of this collaboration, thinking up and formalizing new logical techniques and systems designed to solve problems that can't be solved by traditional (a.k.a. "classical") logic. This course will be an introduction to some of these non-classical logics, their philosophical motivations, and some of their applications.

cross-listed MATH 37700, CSCI 37700
prereq: PHIL 27500 or MATH 27500 or CSCI 27500
3 hrs
3 cr.

PHILO 37300 - Philosophy of History

This course is designed to introduce students to what philosophers have had to say about history—both in terms of its meaning, if any, and of how to explain and narrate historical events. We will survey the major theories about the philosophy of history, the problems with the concept of historical explanation and interpretation, as well as a variety of major philosophers' attempts to solve these problems. We will also consider how history relates to cognate disciplines in the sciences, social sciences, and humanities.
prereq: Two courses in philosophy, at least one of which is at the 200 level
3 hrs
3 cr.

PHILO 38000 - Major Figures in Philosophy (W)

GER
3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W)
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr

PHILO 38010 - Plato (W)

GER
3A

Intensive study of the works and legacy of Plato.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38011 - Aristotle (W)

GER
3A

Intensive study of the works and legacy of Aristotle.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38020 - Plotinus (W)

GER
3A
Intensive study of the works and legacy of Plotinus.

*prereq: Two courses in philosophy, at least one of which is at the 200 level.*
3 hrs
3 cr.

**PHILO 38063 - Hume (W)**

GER
3A

Intensive study of the works and legacy of Hume.

*prereq: Two courses in philosophy, at least one of which is at the 200 level.*
3 hrs
3 cr.

**PHILO 38068 - Kant (W)**

GER
3A

Intensive study of the works and legacy of Kant.

*prereq: Two courses in philosophy, at least one of which is at the 200 level.*
3 hrs
3 cr.

**PHILO 38070 - Hegel (W)**

GER
3A

Intensive study of the works of Hegel.

*prereq: Two courses in philosophy, at least one of which is at the 200 level.*
3 hrs
3 cr.

**PHILO 38076 - Marx (W)**

GER
3A

Intensive study of the works and legacy of Marx (W)

*prereq: Two courses in philosophy, at least one of which is at the 200 level*
3 hrs
3 cr.

**PHILO 38078 - Nietzsche (W)**

GER
3A
Intensive study of the works and legacy of Nietzsche.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38080 - Wittgenstein (W)

GER
3A

Intensive study of the works and legacy of Wittgenstein.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38083 - Heidegger (W)

GER
3A

Intensive study of the works and legacy of Heidegger.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38086 - Foucault (W)

GER
3A

Intensive study of the works and legacy of Foucault.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 26200 - Philosophy of Religion (W)

GER
3/A

Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr.

PHILO 26600 - Knowledge and Reality (W)

Pluralism and Diversity
PD/D
GER
An introduction to central concepts and issues in 20th Century and contemporary metaphysics and epistemology. 

**Prerequisite:** ENGL 12000 and one previous course in philosophy.

**3 hrs**

**3 cr.**

**PHILO 26800 - Mind, Language and Cognition (W)**

**GER**

3/B

An introduction to central concepts and issues in contemporary philosophies of mind, language, psychology, and cognitive science.

**Prerequisite:** ENGL 12000 and one previous course in philosophy.

**3 hrs**

**3 cr.**

**PHILO 27000 - Philosophy, Science and Culture (W)**

**Hunter Core**

Scientific World (SW)

**GER**

3/B

Issues relating to the impact of modern science on philosophy, religion and culture.

**Prerequisite:** ENGL 12000

**3 hrs**

**3 cr.**

**PHILO 36000 - Metaphysics (W)**

**GER**

3/A

Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is: What is reality and how may it be known?

**Prerequisite:** Two courses in philosophy, at least one of which is at the 200 level.

**3 hrs**

**3 cr.**

**PHILO 36200 - Theory of Knowledge (W)**

**GER**

3/A

Study of origin, structure, methods and foundations of human knowledge.

**Prerequisite:** Two courses in philosophy, at least one of which is at the 200 level.

**3 hrs**

**3 cr.**
PHILO 36300 - Feminist and Social Epistemologies (W)

Pluralism and Diversity
PD/C
Recent work in feminist epistemology and social epistemology including philosophy of science.
prereq: ENGL 12000 plus two courses in philosophy, one of which must be at the 200-level
3 hrs
3 cr.

PHILO 36400 - Philosophy of Language (W)

GER
3/A
Inquiry into the philosophical significance of language, its structure, meaning, reference and use.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 36600 - Philosophy of Mind (W)

GER
3/A
Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 37600 - Philosophy of Mathematics (W)

GER
3/B
Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. cross-listed with MATH 376.
prereq: ENGL 12000; one PHIL course and one PHIL or MATH course (precalculus or beyond)
3 hrs
3 cr.

PHILO 37800 - Philosophy of Biology (W)

Philosophical problems of biology, including evolutionary biology, molecular biology and genetics, and neuroscience.
prereq: ENGL 12000 and 2 courses in philosophy, at least one at the 200-level
3 hrs
3 cr.

PHILO 37900 - Philosophy of Science (W)
Study of foundations of knowledge in natural and social sciences.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

**PHILO 20000 - Topics in Philosophy**

GER
3/A

Topics discussed vary from semester to semester.
prereq: variable (see Program Prerequisites)
3 hrs
3 cr.

**PHILO 39300 - Philosophical Systems**

GER
3/A

Study of writings of one or two major philosophers.
prereq: variable (see Program Prerequisites)
3 hrs
3 cr.

**PHILO 39400 - Philosophical Problems**

GER
3/A

Study of one or more major philosophical problems.
prereq: variable (see Program Prerequisites)
3 hrs
3 cr.

**PHILO 49200 - Independent Study in Philosophy**

Independent study of philosophical works under faculty supervision.
prereq: one PHILO course at 300-level, perm instr. (see Program Prerequisites)
1-6 cr.

**PHILO 49400 - Honors Tutorial in Philosophy**

Open to Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion is one requirement for departmental honors at graduation.
prereq: 3.0 cum GPA and 3.50 major GPA; philosophy majors only, minor with perm instr; two 300-level PHIL courses, one of which may be taken concurrently; perm dept.
3 or 6 cr.
PHILO 49800 - Internship

Open to Jr/Sr only. Philosophically relevant internship.
*prereq: philosophy major, minor with perm dept adviser; 2.5 cum GPA and 3.0 major GPA (see Program Prerequisites)*
1-6 cr.

PHYS 10000 - Basic Concepts of Physics

**Hunter Core**
Scientific World (SW)
**GER**
2/E

This is an introductory, one-semester physics course designed for non-science majors. It minimizes the use of mathematics, beyond simple addition, multiplication, subtraction and division. The course will meet three hours per week in lecture. The contents are the lecture material of the existing PHYS 101 LC course. Topics include: Newton's laws of motion, linear motion and falling objects, momentum, energy, rotational motion, gravity, atomic structure, liquids, gases, heat, vibrations and waves, sound, electrostatics, electric current, magnetism, electromagnetic induction, light, color, reflection and refraction, an introduction to quantum mechanics, and radioactivity. This course is a co-requisite or pre-requisite of PHYS 10100, which consists of traditional lab experiments and guided problem-solving sessions, that are closely correlated with the lecture material covered in this course.

3 hrs
3 cr.

PHYS 10100 - Basic Concepts of Physics with Laboratory Exercises

**Hunter Core**
Life and Physical Sciences (LPS)
**GER**
2/E

Introductory one-semester physics lab-based course designed for non-science majors. The course emphasizes the basic concepts of physics, and a qualitative understanding of physics in everyday life.
*prereq or coreq: PHYS 10000*

3 hrs
3 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**GER**
2/E

First semester of two-semester introductory physics course using algebra.
*prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500*
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER 2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 19000 - Tutorial in Mathematical Physics

Applications of differential and integral calculus to selected topics chosen from the major subfields of physics. Completion of this course and its prerequisites is equivalent to completion of the calculus-based general physics sequence, PHYS 11100 and 12100.
prereq: MATH 15500, PHYS 12000
3 hrs (2 lec, 1 rec)
2 cr.

PHYS 20400 - Electrical Circuits and Laboratory
Passive electrical circuits and computer-based data acquisition and analysis, including basic circuit laws, methods of circuit analysis, circuit theorems, operational amplifiers, capacitors and inductors, sinusoids and phasors, sinusoidal steady state analysis, frequency response, and test and measurement instruments, virtual instruments, and data acquisition software.

*prereq: PHYS 12100
*prereq or coreq: MATH 25400
5 hrs (3 lec, 2 lab)
4 cr.

**PHYS 22100 - Electronics**

Circuit theory of passive devices (resistors, capacitors, and inductors). Semiconductor principles and transistor amplifier design. Integrated circuit applications and digital computer logic circuit principles.

*prereq: PHYS 12000 or PHYS 12100
4 hrs
4 cr.

**PHYS 22200 - Electronics Laboratory**

Experiments are performed with passive devices (capacitors, inductors, resistors) and active devices (diodes, transistors). A variety of transistor amplifier and oscillator circuits are studied as well as integrated circuit applications.

*prereq: PHYS 22100
4 hrs
2 cr.

**PHYS 23000 - Classical Physics Laboratory**

Selected experiments of mechanics, electricity/magnetism, and thermodynamics. Experiments may include driven oscillator resonance, coupled oscillators, liquid nitrogen heat of vaporization, Fourier analysis/filtering, ferromagnetic hysteresis, and the nonlinear pendulum period. Elementary error analysis techniques and computer software for data analysis/graphing.

*prereq: PHYS 12000 or 12100
4 hrs
2 cr.

**PHYS 23500 - Modern Physics Laboratory**

*GER
3/B
Selected experiments of quantum physics and optics. Experiments may include nuclear half-life, microwave diffraction, Bragg scattering of x-rays, nuclear multichannel scintillation, Franck-Hertz quantum levels, Millikan oil drop. Error analysis techniques including Gauss and Poisson distributions and correlation of data. Programming for data analysis.

**prereq:** PHYS 12000 or 12100

*4 hrs*

*2 cr.*

**PHYS 30100 - Theoretical Physics**

Analysis of mathematical techniques for solving partial differential equations occurring in physics. Cross-listed as MATH 301.

**prereq:** MATH 25400

*4 hrs*

*4 cr.*

**PHYS 31100 - Introduction to Fluid Mechanics**

This course covers the basic principles of fluid mechanics include statics, forces on plane and curve surfaces, kinematics of fluid motion, integral and differential representation of conservation of mass, linear momentum, the first Law of Thermodynamics, Bernoulli's equation, dimensional analysis, and elementary viscous flow. Frictional losses in laminar flow and simple pipe flow analysis are covered. Understanding of the physical phenomena is stressed and vector notation is introduced and used whenever suitable.

**cross-listed** P GEOG 31100

**prereq:** PHYS 12100 or PHYS 12000 and MATH 15500

*3 hrs*

*3 cr.*

**PHYS 33000 - Atomic and Nuclear Physics**

Examines experimental evidence and develops modern view of structure of atom and nucleus.

**prereq:** PHYS 12000 or 12100

**prereq or coreq:** MATH 25000

*4 hrs*

*4 cr.*

**PHYS 33400 - Intermediate Electricity and Magnetism**

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.

**prereq:** PHYS 12000 or 12100

**prereq or coreq:** MATH 25000

*4 hrs*

*4 cr.*

**PHYS 33500 - Intermediate Mechanics**

Study of laws of motion and coordinate systems; introduction to powerful analytical techniques.

**prereq:** PHYS 12000 or 12100

**prereq or coreq:** MATH 25000

*4 hrs*

*4 cr.*
PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws.

**prereq:** PHYS 12000 or 12100; MATH 25000

4 hrs
4 cr.

PHYS 34200 - Optics

Study of lenses, mirrors, interference, diffraction, and polarization, as well as lasers, holography, and Fourier optics.

**prereq:** PHYS 12000 or 12100; MATH 25000

3 hrs
3 cr.

PHYS 38500 - Numerical Methods I

Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations. Cross-listed as MATH 38500 and CSCI 38500 so that students in the mathematics and computer science departments can use the course toward the completion of their major requirements.

**prereq:** MATH 25400

3 hrs
3 cr.

PHYS 39900 - Senior Thesis (W)

This course is to prepare the students for graduate research. Each student will undertake a research experience, experimental, theoretical, and/or computational, under the supervision of a department faculty member. A final oral as well as written report will be required. The goals are that the student learns research skills in physics, written and oral communication skills, while furthering their knowledge in a topical area in physics.

**prereq:** PHYS 11100, 12100

**prereq or coreq:** ENGL 12000, and at least four 200-, 300-, or 400-level physics courses

3 cr.

PHYS 41100 - Theoretical Mechanics

Classical mechanics of particles and rigid bodies; special relativity; Hamilton's formulation; Liouville's theorem.

**prereq:** PHYS 33500

**prereq or coreq:** MATH 25400

3 hrs
3 cr.

PHYS 41500 - Electromagnetic Theory

Electrostatics; vector analysis, electrostatics, electric fields in matter, magnetostatics, magnetic fields in matter, electrodynamics based on Maxwell equations, and conservation laws.

**prereq:** PHYS 33400 or PHYS 12100 with permission

**prereq or coreq:** MATH 25400
PHYS 41600 - Electromagnetic Theory II

Electromagnetic waves, guided waves, potential and fields, radiation, electrodynamics and relativity.
prereq: PHYS 41500
3 hrs
3 cr.

PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of
physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living
systems, on the physical kinematics of macromolecules and other biological structures and on the theory of physical
techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
4 cr.

PHYS 42400 - Plasma Physics

Motion of charged particles in external magnetic and electrical field; fusion using tokamaks, mirrors, and lasers.
prereq: PHYS 33400
3 hrs
3 cr.

PHYS 42500 - Quantum Theory

From Bohr model and DeBroglie waves to Schrodinger wave equation; solutions for simple cases; transformations.
prereq: PHYS 33000.
prereq or coreq: MATH 25400
3 hrs
3 cr.

PHYS 42700 - Intermediate Physics Laboratory

Study of modern experimental techniques in variety of fields.
prereq: PHYS 23500
4 hrs
2 cr.

PHYS 42800 - Photonics and Laboratory

Theoretical principles and practical training of selected subjects of modern optics and lasers.
prereq: PHYS 33000, PHYS 22200 or 22400
coreq: PHYS 41600 or PHYS 33400
4 hrs
2 cr.
PHYS 44500 - Solid State Physics

Energy levels in atoms, molecules, and solids; crystal structure; properties of solids; semiconducting devices.

prereq: PHYS 33000
3 hrs
3 cr.

PHYS 45300 - Introduction to Research

Independent theoretical or experimental research or independent study of approved topic.

prereq: PHYS 33000, 33400, 33500, and 42700 or perm chair
1-3 cr.

PHYS 45400 - Introduction to Research

Independent theoretical or experimental research or independent study of approved topic.

prereq: PHYS 45300 or perm chair
1 to 3 cr.

PHYS 48500 - Numerical Methods II

Topics in numerical methods selected from solutions of linear equations, interpolating functions, root finding methods, nonlinear equations, Fourier series and the fast Fourier transform, partial differential equations. A major term project will be assigned. Cross-listed as MATH 48500 and CSCI 48500 so that students in the mathematics and computer science departments can use the course toward the completion of their major requirements.

cross-listed CSCI 48500 and MATH 48500
prereq: PHYS 38500
3 hrs
3 cr.

PHYS 24000 - Physics of Biological Systems

GER
3/B

PHYS 24500 - Computer Applications in Physical Sciences

GER
3/B

PHYS 28000 - Astrophysics

GER
3/B

PHYS 36000 - Atomic and Nuclear Physics for Engineers

PHYS 36400 - Electricity and Magnetism for Engineers
PHYS 36500 - Analytical Mechanics

PHYS 40300 - Topics in Modern Physics

POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.

prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction (W)

Hunter Core
Flexible Core: US Experience in its Diversity
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 11500 - Introduction to International Relations (W)

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Diplomacy, power, war, peace, terrorism, nationalism, imperialism, the UN, structures and processes of world politics.

prereq or coreq: ENGL 12000
POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

prereq or coreq: ENGL 12000 or its equivalent

3 hrs
3 cr.

POLSC 25000 - Comparing Countries (W)

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
3/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include: Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.

prereq: ENGL 12000 or equivalent

3 hrs
3 cr.

POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)

prereq: ENGL 12000 or its equivalent

3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction
Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21100 - State Government and Politics (W)

GER
3/B

Comparative analysis of state governments. Power and role of governors, state legislatures, parties, lobbies.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21200 - Urban Politics (W)

GER
3/B

Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21300 - Political Parties and Elections (W)

GER
3/B

Organization, campaigns, nominations, voting behavior, issues, finances, reforms.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 21500 - Public Opinion and Political Participation (W)
What American people think about politics and how they express it, from polls to elections to demonstrations.

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 21700 - Contemporary Issues in American Politics**

GER

3/B

Selected topics in American politics and government.

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 21800 - Women and Politics (W)**

Pluralism and Diversity

PD/C

GER

3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.

*cross-listed* WGSP 21800 (W)

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 21900 - Women and the Law (W)**

Pluralism and Diversity

PD/C

GER

3/B

Overview of how local, state and federal laws treat people on the basis of sex.

*cross-listed* WGSP 21900

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 22100 - U.S. Immigration Policy (W)**

Pluralism and Diversity

PD/B -or- PD/C

GER

3/B

The course focuses on the political development of federal immigration policy, and on historical and contemporary
issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.

**prereq:** ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200

3 hrs

3 cr.

**POLSC 22600 - Interest Group Politics (W)**

**GER**

3/B

Analysis of the organization and role of interest groups in American politics. The course stresses the importance of organizational resources and the ability of interest groups to be “faithful advocates” of member interests in exercising influence in elections and policy-making.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 cr.

**POLSC 22700 - Political Parties (W)**

**GER**

3/B

Theories, historical analysis, and contemporary views of the central institution that links citizens and office holders in the United States, with a focus on the role of parties as vehicles for expressing and pursuing policy goals.

Not open to students who completed POLSC 21400

**prereq:** ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 22800 - Protest Movements in American Politics (W)**

**Pluralism and Diversity**

P/D B or C

**GER**

3/B

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil-rights, anti-war, feminist, environmental, gay-rights, pro-choice, pro-life, and Patriot movements.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 cr.

**POLSC 23000 - The American Presidency (W)**

**GER**

3/B

Selection, election, role, functions and powers of the president.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 23500 - The American Congress (W)**

**GER**
3/B


prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 23800 - The American Legal System (W)**

**GER**
3/B

Civil and criminal law, common law and equity, substantive and procedural law. Emphasis on federal and New York law.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 24000 - The American Judiciary (W)**

**GER**
3/B

The Supreme Court and other federal courts as part of policy-making process in American government.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 24400 - Energy and Environmental Politics and Public Policy (W)**

**GER**
3/B

Examination of political processes and public policies shaping energy production and consumption in the U.S. with comparative reference to other countries. Emphasis on political, economic, social, environmental and foreign policy aspects.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 27400 - American Foreign Policy (W)**

**GER**
3/B
Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.

*prereq:* ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 30100 - American Political Thought (W)**

**GER**
3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.

*prereq:* ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr.

**POLSC 31700 - Contemporary Issues in American Politics**

**GER**
3/B

Selected topics in American politics and government.

*cross-listed* WGS 39800 is cross-listed with POLSC 31707 Community Leadership Seminar

*prereq:* ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 32000 - Ethnic Politics (W)**

**Pluralism and Diversity**

**PD/B**

**GER**
3/B

Major theories and empirical approaches to the study of race, ethnicity, and gender in American politics. Study of identity as an organizing and motivating force in American politics.

*prereq:* ENGL 12000 and any political science course
4 hrs
4 cr.

**POLSC 32100 - American Political Economy (W)**

**GER**
3/B

Critical analysis of the distribution of power between the state and the private sector. Theories about the government-business relationship are tested through a series of case studies.

*prereq:* ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 32300 - Politics of Public Budgeting (W)

GER
3/B

This course sets the processes and techniques of public budgeting within the context of American political institutions at the national, state and local levels.

prereq: ENGL 12000 or the equivalent; two political science courses at the 200-level or above or permission of the instructor

4 hrs
4 cr.

POLSC 33000 - American Political Development (W)

GER
3/B

Analysis of the historical development of American politics, including: the impact of the Constitution, ideas, and political culture; state building/unbuilding in different historical eras; and the evolution of citizenship and political participation.

prereq: ENGL 12000 or its equivalent, POLSC 11000 or perm. inst

4 hrs
4 cr.

POLSC 34000 - Constitutional Law: Organizing the Government (W)

GER
3/B

Constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.

prereq: POLSC 11000 or 11100 or 23800

3 hrs
3 cr.

POLSC 34100 - Constitutional Law: Civil Rights (W)

GER
3/B

Constitutional problems and Supreme Court decisions regarding race and sex discrimination.

prereq: POLSC 11000 or 11100 or 23800

3 hrs
3 cr.

POLSC 34200 - Constitutional Law: The First Amendment (W)
Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), religion and assembly.

**Prereq:** POLSC 11000 or 11100 or 23800

*3 hrs
3 cr.*

**POLSC 34300 - Criminal Law (W)**

Constitutional problems and judicial decisions regarding search and seizure, right to counsel, self incrimination.

**Prereq:** POLSC 11000 or 11100 or 23800

*3 hrs
3 cr.*

**POLSC 34800 - Public Administration and Public Policy (W)**

Analysis of problems in policy-making and administration, focusing on motivations, ethics, authority.

**Prereq:** ENGL 12000 or its equivalent

*3 hrs
3 cr.*

**POLSC 25000 - Comparing Countries (W)**

**Hunter Core**

World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A

**GER**

2/B

Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include: Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.

**Prereq:** ENGL 12000 or equivalent

*3 hrs
3 cr.*

**POLSC 25100 - Politics of Africa, Asia and Latin America (W)**

**GER**

3/B

An examination of the nature of governance and politics in Africa, Asia and Latin America. Through in-depth study of several countries, students explore topics and concepts such as political culture, modernization, development,
dependency, democracy, political leadership and the processes of policy making.

*prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 25300 - Government and Politics in Latin America (W)**

**Pluralism and Diversity**
PD/A
GER
3/B

Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.

cross-listed LACS 43405
*prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 25400 - Government and Politics in Western Europe (W)**

**Pluralism and Diversity**
PD/D
GER
3/B

Theory, practice, institutions and problems of Western European nations particularly Britain, France and Germany.

*prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 25500 - Government and Politics of Japan and Korea (W)**

**Pluralism and Diversity**
PD/A
GER
3/B

Political, social and economic institutions of Japan and Korea; their domestic politics and relations with the world.

*prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**POLSC 25700 - Government and Politics of China (W)**

**Pluralism and Diversity**
PD/A
GER
3/B

Chinese politics, institutions and foreign policy.

*prereq: ENGL 12000 or its equivalent
An examination of contemporary African politics using various social science theories, films and documentaries made by African filmmakers.

cross-listed AFPRL 29019, MEDIA 29975, FILM 21462
prereq: ENGL 12000 or its equivalent

POLSC 26100 - Globalization and Opposition Movements (W)

GER
3/B

The environmental, social and political effects of economic globalization in less industrialized and in highly industrialized countries; reformist and radical critiques and neoliberal defenses; causes and consequences of opposition movements.

prereq: ENGL 12000 or its equivalent

POLSC 26200 - Government and Politics in Central America (W)

Pluralism and Diversity
PD/A
GER
3/B

Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.

cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent

POLSC 26300 - Government and Politics in the Middle East (W)

Pluralism and Diversity
PD/A
GER
3/B
Introduction to Islamic societies and their politics with particular attention to cultures of region.

*prereq: ENGL 12000 or its equivalent

*3 hrs

*3 cr.

**POLSC 26400 - Government and Politics of Israel (W)**

**GER**

3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.

*prereq: ENGL 12000 or its equivalent

*3 hrs

*3 cr.

**POLSC 26500 - Government and Politics in Eastern Europe (W)**

**Pluralism and Diversity**

**PD/D**

**GER**

3/B

Political, social and economic institutions of individual Eastern Central European nations and their post-communist transitions.

*prereq: ENGL 12000 or its equivalent

*3 hrs

*3 cr.

**POLSC 26700 - The Politics of Southern Africa (W)**

**Pluralism and Diversity**

**PD/A**

**GER**

3/B

Political, economic, and social institutions in Angola, Botswana, Mozambique, Namibia, South Africa, and Zimbabwe.

*cross-listed AFPRL 29015

*prereq: ENGL 12000 or its equivalent

*3 hrs

*3 cr.

**POLSC 27200 - Contemporary Issues in Comparative Politics**

**GER**

3/B

Selected topics in comparative politics.

*prereq: Any 100-level course on POLSC or perm instr.

*3 hrs

*3 cr.
POLSC 31000 - Comparative Legal Systems (W)

GER
3/B

Comparative study of major legal traditions of the modern world, including common law, civil law, Soviet, Islamic, Chinese, tribal and hybrid systems.

*prereq: POLSC 11000, 23800 or 34000 or 34100 or 34300 or 37500 or any course in comparative politics subfield, or perm instr; ENGL 12000 or its equivalent

3 hrs
3 cr.

POLSC 32200 - Social and Economic Policies in Western Europe and the United States (W)

Pluralism and Diversity
PD/D
GER
3/B

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.

*prereq: Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).

4 hrs
4 cr.

POLSC 35100 - Government and Politics of Russia and the Post-Soviet States (W)

GER
3/B

Post-Soviet politics, institutions, social forces, economic transformations and regions.

*prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm. instr.

3 hrs
3 cr.

POLSC 35200 - State and Society in Africa (W)

Pluralism and Diversity
PD/A
GER
3/B

An examination of the nature of the relationship between the African state and civil society in the post-independence period and how this relationship influences governance and democracy.

*prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm. instr.

3 hrs
3 cr.
POLSC 35300 - Social Movements, Civil Society and the State in Latin America (W)

Pluralism and Diversity
P/D A
GER
3/A

Analysis of the role of popular and opposition movements in Latin America and their relationship to the state, from the challenges to the dictatorships of the 1970s through the contemporary neoliberal economic order and democratic polities.

prereq: ENGL 12000 or the equivalent; a course in comparative politics; minimum of 45 credits and 9 credits in political science or permission of the instructor.
4 hrs
4 cr.

POLSC 35600 - India's Democratic Experiment (W)

Pluralism and Diversity
P/D A
GER
3/B

Assesses the nature and durability of India's democratic political system. Examines key events, personalities, institutions, and movements in Indian politics from Independence (1947) to the present. Focuses on the challenge of adapting democratic institutions to circumstances of extreme social diversity and economic deprivation.

prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr.

POLSC 36000 - Democracy & Development in a Globalizing World (W)

Pluralism and Diversity
P/D A
GER
3/B

The relationship between democracy and development in post-colonial countries. Questions include: What relations of causality, in either direction, have political scientists sought to establish between democracy and development? What is the impact of globalization on these relations? How can historical analysis help to illuminate these and other issues, such as why some countries have been better at promoting per capita income growth than others? What efforts have been undertaken – by individual citizens, by civic groups, by aid donors – to plug the democratic deficits that arise in the course of pursuing development under 21st Century conditions?

prereq: ENG 12000 and any POLSC course at either the 200 or 300 level in comparative politics
4 hrs
4 cr.

POLSC 37200 - Contemporary Issues in Comparative Politics

GER
3/B
Selected topics in comparative politics.  
\textit{prereq: ENGL 12000 or its equivalent; any course in comparative politics, or perm instr.}

\textbf{3 hrs}  
\textbf{3 cr.}

\textbf{POLSC 37800 - Russia in a Globalized World (W)}

\textbf{Pluralism and Diversity}
\textbf{PD/D}
\textbf{GER}
\textbf{3/B}

In a contemporary, historical, comparative, and international context, this course explores issues at the intersection of Russia's domestic politics and foreign policies and the implications for Russia and the international system.  
\textit{prereq: ENGL 12000 and any course in International Relations or Comparative Politics}

\textbf{4 hrs.}  
\textbf{4 cr.}

\textbf{POLSC 11500 - Introduction to International Relations (W)}

\textbf{Hunter Core}
World Cultures and Global Issues (WCGI)
\textbf{GER}
\textbf{2/B}

Diplomacy, power, war, peace, terrorism, nationalism, imperialism, the UN, structures and processes of world politics.  
\textit{prereq or coreq: ENGL 12000}

\textbf{3 hrs.}  
\textbf{3 cr.}

\textbf{POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)}

\textbf{Hunter Core}
World Culture and Global Issues (WCGI)
\textbf{GER}
\textbf{3/B}

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)

\textit{prereq: ENGL 12000 or its equivalent}

\textbf{3 hrs}  
\textbf{3 cr.}

\textbf{POLSC 27100 - International Politics in the Americas (W)}
Pluralism and Diversity
PD/A
GER
3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.  

*cross-listed* LACS 43432

*prereq:* ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 27300 - Contemporary Issues in International Politics**

GER
3/B

Special issues in international politics. Past topics included the international law of energy, world water resources, war.  

*prereq:* ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 27400 - American Foreign Policy (W)**

GER
3/B

Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.  

*prereq:* ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 27500 - Politics of the Global Economy (W)**

GER
3/B

Introduction to International Political Economy (IPE). Examines the dynamic interaction between politics and economics across national borders, including the politics of trade, development, finance, varieties of capitalism, globalization and environmental protection. Not open to students who have taken POLSC 37600.  

*prereq:* ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 27600 - Global Issues (W)**

GER
3/B

Examination of current global issues using traditional and critical international relations perspectives. Topics vary each semester: population growth, food insecurity, human trafficking, the future of the euro, immigration challenges in
Europe, climate change, resource shortages, global poverty, shared values, and other issues.

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 27800 - International Organizations (W)**

**GER**

3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 28000 - Women, War and Peace (W)**

**Pluralism and Diversity**

**PD/C**

**GER**

3/B

The course examines the roles that women have played as subjects and objects in war and peace.

*cross-listed WGS 26200 (W)*

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

**POLSC 28100 - Drugs, Politics and Public Policy (W)**

**GER**

3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.

*prereq: ENGL 12000*

3 hrs

3 cr.

**POLSC 28200 - International Security (W)**

**GER**

3/B

An introduction to basic concepts and problems in the area of international security, this course will explore explanations for some of the central causes of security/insecurity and peace/war, as well as examine select contemporary security issues.

*prereq: ENGL 12000 or its equivalent*

3 hrs

3 cr.
POLSC 28300 - Terrorism (W)

GER
3/B

The course will explore the types, causes, and strategies of terrorism as well as the effectiveness and civil liberty implications of counterterrorism strategies. Both contemporary and historical terrorist groups will be considered.

Not open to students who have completed POLSC 27353.
prereq or coreq: ENGL 12000 or the equivalent
3 hrs
3 cr.

POLSC 37300 - Contemporary Issues in International Politics

GER
3/B

Selected topics in international politics.
prereq: ENGL 12000 and any course in International Relations
3 hrs
3 cr.

POLSC 37400 - International Human Rights (W)

GER
3/B

An examination of the origins, substance and processes of human rights in international relations.
prereq: ENGL 12000 and any course in International Relations or Comparative Politics.
3 hrs
3 cr.

POLSC 37500 - International Law (W)

GER
3/B

Theory of and case studies on the nature, sources, practices and efficacy of international law, principles and rules.

prereq: ENGL 12000 and any course in International Relations
3 hrs
3 cr.

POLSC 37600 - International Political Economy (W)

GER
3/B

An examination of key concepts in international political economy, such as the politics of trade, the globalization of finance, financial crises, global inequality, and migration.
prereq: ENGL 12000 and any course in international relations
4 hrs.
4 cr.

**POLSC 37700 - Theories of International Politics (W)**

GER
3/B

An examination of the central concepts and issues in international politics that underpin the main theoretical debates in the field.

prereq or coreq: ENGL 12000 and any course in International Relations
4 hrs
4 cr.

**POLSC 37800 - Russian National Interest: Past and Present (W)**

**Pluralism and Diversity**
PD/D
GER
3/B

In a contemporary, historical and comparative context, this course will explore the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.

prereq: ENGL 12000 and (POLSC 11500 or POLSC 25000 or POLSC 11700 or POLSC 27000)
3 hrs.
3 cr.

**POLSC 37900 - War and Strategy (W)**

GER
3/B

An examination of strategy and wars between states, within states, and between states and transnational groups. Focuses on how strategy affects the avoidance, outbreak, conduct, and consequences of war and the difficulty of devising strategies that successfully link political ends and military means.

prereq: ENGL 12000 and any course in International Relations
4 hrs.
4 cr.

**POLSC 38000 - European Security (W)**

**Pluralism and Diversity**
PD/D
GER
3/B

A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity
conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the 21st century.

prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor
coreq: ENGL 12000 and any course in International Relations
4 hrs
4 cr.

**POLSC 38100 - East Asia in World Politics (W)**

**Pluralism and Diversity**

PD/A
GER
3/B

An examination of sources of stability and instability in East Asia, using social science theories and historical background.

prereq: ENGL 12000 or its equivalent; POLSC 27000 or perm instr.
3 hrs
3 cr.

**POLSC 38200 - Causes of War (W)**

GER
3/B

An analysis of the causes of war and peace for both civil and interstate wars including especially the role of bargaining, but also the roles alliances, arms races, rivalries, and institutions.

prereq: ENGL 12000 and any course in International Relations
4 hrs.
4 cr.

**POLSC 38300 - Rising Powers, China, the U.S. and World Order (W)**

GER
3/B

An examination of global power shifts and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other “BRICS” countries.

prereq: ENGL 12000 and any course in International Relations
4 hrs
4 cr.

**POLSC 38400 - Comparative Foreign Policy (W)**

An analysis of why states have different foreign policies and the sources of those differences. Various factors such as power, political culture, religion, regime type, history, economic and state development, and individuals will be explored.
**POLSC 38500 - The Nuclear Age: Nuclear Weapons, War and Peace**

An analysis of how nuclear weapons have influenced international politics and military strategies, why states seek or forego nuclear weapons programs, the policies designed for nuclear nonproliferation, and the risks of nuclear crises, escalation, entanglement with conventional forces, and nuclear terrorism.

**POLSC 38600 - Politics of Finance**

Examines the ways in which the global financial system operates and intersects world politics. Topics include: financial firms as political actors, income inequality, financial regulation, financial crises, the politics of foreign direct investment, the politics of monetary policy, and the politics of exchange rates.

**POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)**

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

**POLSC 20100 - Ancient to Early Modern Political Thought (W)**

Pluralism and Diversity
PD/D
GER
3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
**POLSC 20200 - Modern Political Thought (1600-1900) (W)**

**Pluralism and Diversity**  
**PD/D**  
**GER**  
3/B

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.  
**prereq: ENGL 12000 or its equivalent**  
3 hrs  
3 cr.

**POLSC 20300 - Political Thought Since 1900 (W)**

**Pluralism and Diversity**  
**PD/D**  
**GER**  
3/B

Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.  
**prereq: ENGL 12000 or its equivalent**  
3 hrs  
3 cr.

**POLSC 20400 - Contemporary Issues in Political Theory**

**GER**  
3/B

Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority.  
POLSC 20451 Women in Western Political Thought meets PD/D  
**prereq: ENGL 12000 or its equivalent**  
3 hrs  
3 cr.

**POLSC 20600 - Research Design in Political Science (W)**

**GER**  
3/B

Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.  
**prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent**  
3 hrs  
3 cr.

**POLSC 20700 - Data Analysis in Political Science (W)**
Computer applications and statistical analysis in political science. Students write a quantitative term paper. Uses Social Science Data Lab.

**Prereq:** POLSC 20600 or perm instr.

3 hrs

3 cr.

**POLSC 20900 - Women and Gender in Western Political Thought (W)**

**Pluralism and Diversity**

PD/C or D

**GER**

3/B

Examines history of political thought from the perspective of gender relations and the treatment of women.

*cross-listed* WGST 20900

**Prereq:** ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 30100 - American Political Thought (W)**

**GER**

3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.

**Prereq:** ENGL 12000 or its equivalent; one course in political theory or perm. instr.

3 hrs

3 cr.

**POLSC 30200 - Critical Theory and Politics (W)**

**GER**

3/B

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation.

**Prereq:** ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor.

4 hrs

4 cr.

**POLSC 30300 - Democracy and Emergency (W)**

**GER**

3/B
This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.

*prereq: ENGL 12000 and one course in Political Theory

**4**

**4**

**POLSC 30400 - Contemporary Issues in Political Theory**

**GER**

3/B

Selected topics in political theory.

*prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr

3 hrs

3 cr.

**POLSC 30500 - Democratic Theory (W)**

**GER**

3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice.

*prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.

3 hrs

3 cr.

**POLSC 30700 - Theory of Revolution**

**GER**

3/B

Traditional and modern revolutions. Conditions and objectives of socialist and communist revolutions.

*prereq: ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 30900 - Feminist Political Theory (W)**

**Pluralism and Diversity**

**PD/C**

**GER**

3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.

*cross-listed WGST 30900 (W)

*prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.*
**POLSC 31100 - Utopian Theory (W)**

**GER**
3/B

Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.

*prereq: ENGL 12000 or its equivalent; one course in political theory or perm dept.*

**POLSC 31600 - Political Theory of Human Rights (W)**

**GER**
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.

*prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.*

**POLSC 29001-29003 - Independent Study in Political Science**

**GER**
3/B

Students may take independent study only with full-time members of the department. As a general rule, the students should have taken a prior course with this instructor. Departmental permission will not be granted without explicit approval by the instructor.

*prereq: at least one course in appropriate field, perm dept.*

**POLSC 29102-29103 - Directed Research (W)**

This course is designed to teach individual students how to do research under the direction of a full-time faculty member. Students will participate in ongoing faculty research, and may do independent reading, library research, data collection and data analysis. The course will culminate in a research paper, literature review, or co-authored conference paper submitted for publication. Students will gain an understanding of the research methods utilized in the project, will gain hands-on experience in basic research, and will learn how to write the a research report with extensive feedback from their faculty supervisor.

*prereq or coreq: ENGL 12000 or the equivalent; minimum of 60 credits and 15 credits in political science or permission of a full-time faculty supervisor.*

**POLSC 48000 - Seminar in Selected Problems of Political Science**
Open to Jr/Sr only. Advanced seminar on selected topics.

prereq: perm dept.
3 hrs
3 cr.

**POLSC 48600 - Senior Colloquium**

Advanced seminar. Major project and/or paper required.
prereq: perm dept.
3 hrs
3 cr.

**POLSC 49100 - Independent Study - Honors Thesis Inception**

Under the supervision of a faculty advisor, students work to translate their chosen honors thesis topic into feasible research questions, identify appropriate methods and data sources, and formulate an action plan to be followed in the following semester, during which the honors thesis is completed and presented (in POLSC 49202 or POLSC 49203).

prereq: Permission of instructor and department
2 hrs
2 cr.

**POLSC 49200 - Independent Study Honors Thesis Completion**

Supervised honors completion.
prereq: Permission of Instructor/Department
2 hrs for 49202, 3 hrs for 49203
2 cr. for 49202, 3 cr. for 49203

**POLSC 49202-49203 - Honors Independent Study in Political Science**

Students may take independent study honors projects only with full-time faculty members of the department. As a general rule, the students should have taken a prior course with this instructor. Departmental permission will not be granted without explicit approval by the instructor.

prereq: at least one course in appropriate field, perm dept.
2-3 cr.

**POLSC 49300 - Conducting and Presenting Political Science Research**

This course is designed to refine students' existing research skills so they can complete their honors theses. Concepts covered will include, but not be limited to literature reviews, finding sources, defining a topic, framing scholarly questions, developing hypotheses, using empirical evidence, citation, and presentation skills. *Concurrent enrollment in POLSC 492 is required.*
coreq: POLSC 49200
1 hr
1 cr.

**POLSC 22200/22300 - Seminar/Internship in New York City Government**
Practical experience in city government and politics. Weekly seminars, monthly university-wide meetings.

Students are advised to have completed at least 60 overall credits and 12 to 15 political science credits with at least one course in the field in which they are interested in taking the internship. Students should have at least a 3.0 grade point average in political science before applying.

prereq: perm dept.

4 hrs
4 cr.

POLSC 29200 - Topics in Political Science

Topics in Political Science provides students the opportunity to apply their knowledge of political science through a variety of experiential learning activities. Students may take each Topics in Political Science one time.

prereq: ENGL 12000

1 hr.
1 cr.

POLSC 29400 - Topics in Political Science

Topics in Political Science provides students the opportunity to apply their knowledge of political science to real-world political issues and settings. Students may take each Topics in Political Science one time.

prereq: ENGL 12000

3 hrs.
3 cr.

POLSC 29801-29806 - Internship in Political Science

Students may take independent study internships only under the supervision of full-time members of the department. As a general rule, the students should have taken a prior course with this instructor. Departmental permission will not be granted without explicit approval by the instructor.

prereq: at least one course in appropriate field, perm dept.

1-6 cr.

PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.

3 hrs
3 cr.

PSYCH 14000 - Psychological Adjustment

GER
2/B
Styles of adjustment; social interaction; self-concept and self-esteem: stress management; alienation; failures of adjustment.

**prereq:** PSYC 10000

3 hrs

3 cr.

**PSYCH 15000 - Human Development**

**GER**

2/B

Development from conception to death; biological, physiological and social factors and their interactions at each stage.

**prereq:** PSYC 10000

3 hrs

3 cr.

**PSYCH 16000 - Evolution and Behavior**

**GER**

2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.

**prereq:** PSYC 10000

3 hrs

3 cr.

**PSYCH 17000 - Psychology of Human Sexuality**

**Pluralism and Diversity**

**PD/C**

**GER**

2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

**cross-listed** WGSS 17000

**prereq:** PSYCH 10000

3 hrs

3 cr.

**PSYCH 17100 - Stress and Coping**

A theoretical and practical introduction to stress processes and coping behaviors. The course explores the social, biological, behavioral, and clinical theories that guide our understanding of stress and coping and translated into testable interventions for managing stress and mitigating its negative effects.

**prereq:** PSYC 10000

3 hrs

3 cr.
PSYCH 18000 - Brain and Behavior

GER
2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.

prereq: PSYC 10000
3 hrs
3 cr.

PSYCH 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.

cross-listed WGSS 19000

prereq: PSYCH 10000
3 hrs
3 cr.

PSYCH 19500 - Special Topics in Psychology I

GER
2/B

Readings and discussions on a selected problem or topic area. Topics vary from semester to semester.

prereq: PSYC 10000
3 hrs
3 cr.

PSYCH 20100 - Independent Study in Psychology

May be taken two times but will be applied to major only once. Designed to meet the needs of individual students under the direction of a particular faculty sponsor. The course may involve independent readings, tutorials, work as an advising assistant or peer counselor, field placement, an individual research project, or participation in ongoing faculty research, any of these culminating in a written report.

prereq: PSYC 10000 and any other 3 cr PSYCH course, perm dept.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 20500 - The Profession of Psychology (W)

GER
3/B
Open to declared majors only. Introduction to and critical analysis of the profession of psychology; examination of theories and career options in major subfields of psychology. Students must have Internet access.

**prereq:** PSYCH 10000 and any other 3 cr PSYCH course, perm dept.

**prereq or coreq:** ENGL 12000

3 hrs

3 cr.

**PSYCH 21000 - Child Development**

**GER**

3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)

Writing Intensive

**prereq:** PSYCH 10000 and any other 3 cr PSYCH course

**prereq or coreq:** ENGL 12000

3 hrs

3 cr.

**PSYCH 21200 - Exceptional Childhoods**

**GER**

3/B

Special problems of adjustment and training of exceptional children, including the gifted as well as the intellectually, emotionally and physically handicapped.

Writing Intensive

**prereq:** PSYCH 10000 and any other 3 cr PSYCH course

**prereq or coreq:** ENGL 12000

3 hrs

3 cr.

**PSYCH 21300 - Children & Adolescents with Autism**

A theoretical and practical introduction to the social, biological, behavioral, and educational theories that guide our understanding of children and adolescents with Autism Spectrum Disorder (ASD). Focusing on this important public health issue, students learn how these theories inform public awareness, the experiences of families affected by this disorder, the development and implementation of interventions, and public policy.

**prereq:** PSYCH 10000 and PSYCH 15000 (Human Development) or departmental permission

3 hrs

3 cr.

**PSYCH 21400 - Adults with Developmental Disabilities**

A theoretical and practical introduction to the key issues and challenges that affect the lives of adults with developmental disabilities, including adults with Autism Spectrum Disorder. Covered topics include person-centered planning, self-determination, transition planning, post-secondary education, employment, residential supports, and community living. Students learn how these challenges inform services that support full inclusion and improve quality of life.
prereq: PSYCH 10000 and PSYCH 15000 (Human Development) or departmental permission
3 hrs
3 cr.

PSYCH 21500 - Introduction to Research Methods in Psychology (W)

GER
3/B

Evaluation of published research; research principles and the concepts which underlie them; how to evaluate and select research strategies.

prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 22000 - Personality

GER
3/B

Review of the contributions to the understanding of normal personality in the theories of the Freudian and other analytical schools; of Allport, of representative behaviorist groups and of constitutional typologists; also, methods of assessing and understanding individual personality.

Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 22100 - Psychoanalytic Theories

GER
3/B

Historical, theoretical and empirical approaches from Freud to the present; empirical evaluation and integration of these theories with learning and ethological theory.

Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 22300 - Abnormal Psychology

GER
3/B

Consideration of psychological abnormalities; symptoms, etiology, diagnostic procedures and therapy.

Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
PSYCH 22400 - Neuroscience

The aim of this course is to introduce you to the biological and physiological aspect of the science of Psychology. Biopsychology is the subarea of Psychology that takes a biological approach to understanding behavior. Biopsychologists study the biological events - genetic, neural, endocrine- that underlie each and every one of our thoughts, feelings, and actions. This course will explore what is currently known about the biological basis of emotional responses, mental illness, sexual behavior, memory, states of consciousness, sensory perception, thought and language, and several neurological disorders.

**prereq:** PSYCH 10000 and any other 3 CR PSYCH Course; completion of ENGL 12000 with a minimum grade of C

3 hrs
3 cr.

PSYCH 22500 - Ethology: Animal Behavior

GER
3/B

Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison. Writing Intensive

**prereq:** PSYCH 10000 and any other 3 CR PSYCH course
**prereq or coreq:** ENGL 12000

3 hrs
3 cr.

PSYCH 23000 - Social Psychology

GER
3/B

Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes. Writing Intensive

**prereq:** PSYCH 10000 and any other 3 CR PSYCH course
**prereq or coreq:** ENGL 12000

3 hrs
3 cr.

PSYCH 23500 - The Psychology of Women

Pluralism and Diversity
PD/C

GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power. Writing Intensive cross-listed WGSP 23500 (W)
PSYCH 24000 - Applications of Psychology

GER
3/B

Psychological issues in business, law and medicine; consumer research, personnel selection and training, motivation and morale in industry, safety programs, testimony, lie detection and psychological issues in coping with physical illness.

Writing Intensive

prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 24200 - Health Psychology

GER
3/B

Psychological and behavioral factors related to physical illness and health promotion, including such areas as aging, stress and coping, pain, addiction and eating disorders.

Writing Intensive

prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 24300 - Cognitive Processes

GER
3/B

A survey of theoretical issues and empirical research on human cognition including attention, perception, memory, representation of knowledge, language, and problem solving.

prereq: 6 cr. in PSYCH including PSYCH 10000
3 hrs
3 cr.

PSYCH 24500 - History of Psychology (W)

GER
3/B

Introspective, behavioristic, gestalt, psychoanalytic and related viewpoints developed from early philosophic roots of psychology.

prereq: PSYCH 10000 and any other 3 cr PSYCH course
PSYCH 24800 - Statistical Methods in Psychological Research

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq or coreq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12400 or 12500 or 12550 or STAT 11300 with a C or better, or appropriate score on math placement exam

prereq or coreq: ENGL 12000

PSYCH 24900 - Experimental Psychology: Social

GER
3/B

Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYC 249 or 250, but not both.)

Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;

prereq or coreq: Writing Intensive

PSYCH 25000 - Experimental Psychology: General

GER
3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000, but not both.)

prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade;
PSYCH 24800 with a minimum grade of C
6 hrs (2 lec, 4 lab)
4 cr.

PSYCH 29500 - Special Topics in Psychology II

GER
3/B

Readings and discussion on a selected problem or topic area. Topics will vary from semester to semester. PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000, PSYC 24900 or 25000 or perm instr.
3 hrs
3 cr.

PSYCH 30000 - Physiological Psychology

GER
3/B

Neural and endocrine mechanisms involved in learning, emotion, perception and other psychological processes. PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000. PSYCH 24900 or 25000 and PSYCH 22400
3 hrs
3 cr.

PSYCH 30100 - Sensation and Perception

GER
3/B

Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

prereq: ENGL 12000, PSYCH 24900 OR 25000, PSYCH 22400
3 hrs
3 cr.

PSYCH 30600 - Seminar in Psychological Services I

Open to declared majors only. An integration of personality and abnormal psychology, the helping process and the role of the helper. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000. PSYCH 2200 or 32300, PSYCH 24900 or 25000, perm instr.
8 hrs
4 cr.
PSYCH 30700 - Seminar in Psychological Services II

Integration of personality and abnormal psychology. Seminar and one day per week placement in mental health/community service setting.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

 prerequisite: ENGL 12000, PSYCH 30600, perm instr.
3 hrs
3 cr.

PSYCH 30900 - Behavioral Neuroendocrinology

Pluralism and Diversity
PD/C
GER
3/B

An overview of how behavior is influenced by differential hormone action and how hormones influence the development and expression of sexually dimorphic behaviors. While a biology background is not required, this course will be a biology-based discussion of behavioral endocrinology.

 prerequisite: ENGL 12000, PSYCH 24900 or 25000 and PSYCH 22400
3 hrs
3 cr.

PSYCH 31000 - Research Methods in Developmental Psychology

GER
3/B

Open to declared majors only. Theory and research in selected areas of developmental psychology.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

 prerequisite: ENGL 12000, PSYCH 15000 or 21000, PSYCH 24900 or 25000, perm instr.
3 hrs
3 cr.

PSYCH 31300 - Adolescence

This course reviews the physical, cognitive, emotional, and social changes that typically occur during adolescence. Topics include classic and contemporary theories of adolescent development and the interactions between adolescents and their social and cultural environments.

 prerequisite: ENGL 12000, PSYCH 24900 or 25000, and PSYCH 21000
3 hrs
3 cr.

PSYCH 31500 - Adult Development

Open to declared majors only. Theories and research concerning the personal and social development of men and women in adulthood; ongoing changes with age related to physical growth and decline, including marital, parental and interpersonal relationships, occupational roles, leisure activities, disability and approaching death.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

**Prerequisites:**
- ENGL 12000
- PSYCH 15000 or 21000
- PSYCH 24900 or 25000

**3 cr.**

### PSYCH 31600 - Cognitive Neuroscience

The course will address some of the central issues in contemporary cognitive neuroscience, describe old (clinical studies) and new (brain imaging) sources of information, their limitations and their contributions to our understanding of the neural mechanisms of cognition.

**Prerequisites:**
- ENGL 1200, PSYCH 24800, PSYCH 24900 or 25000, PSYCH 22400

**3 hrs**

**3 cr.**

### PSYCH 32000 - Neuronal Basis of Behavior (Neuroethology)

This course is designed primarily for upper level undergraduates who already have an introductory background in animal behavior, neurobiology and Psychology. The course will review the rapidly expanding field of neuroethology, providing a general introduction to the subject and some of its many model systems.

**Prerequisites:**
- ENGL 1200, Completion of PSYCH 24900 or 25000

**3 hrs.**

**3 cr.**

### PSYCH 32100 - Animal Orientation

Organisms must orient to survive, including to secure shelter and food, or find mates, and return to a familiar home. This course provides an advanced understanding of how animals achieve these tasks and evaluates possible behavioral, physiological, and molecular mechanisms for orientation.

**Prerequisites:**
- ENGL 1200; Completion of PSYCH 24900 or 25000 and PSYCH 22500

**3 hrs.**

**3 cr.**

### PSYCH 32200 - Psychology of Language

**GER**

3/B

Psychological and psychophysical basis of language comprehension, production and acquisition from experimental and theoretical perspectives; the relationship between language and the cognitive processes of perception, memory and representation.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a
psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

*prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 27000 or perm instr.*

3 hrs
3 cr.

**PSYCH 32300 - Developmental Psychopathology**

**GER**
3/B

Survey and evaluation of empirical and theoretical approaches to the major psychological abnormalities that arise in childhood and adolescence; their characteristics, causes and treatments.

*prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000*

3 hrs
3 cr.

**PSYCH 32400 - Communication Behavior**

This course will examine behaviors that exchange information, the evolution of the signals that carry the message, and the senses that receive it. Both human nonverbal and animal communication systems will be analyzed. Students will conduct field and library research on specific communicative behaviors.

*prereq: ENGL 12000, Completion of PSYCH 24900 or 25000*

3 hrs
3 cr.

**PSYCH 32500 - Animal Cognition**

This course will focus on various topics and readings in animal cognition within and across species from the perspectives of animal behavior, cognitive ethology and comparative cognition. In addition to familiarizing the students with what is currently known, the course is designed to stimulate critical and creative thinking about how we investigate and understand the minds and behavior of animals as diverse as chimpanzees, dolphins, elephants, monkeys, pigeons and humans. It will focus on various topics and readings in animal cognition including categorization, discrimination learning, decision making, social learning, tool use, culture and communication.

*prereq: ENGL 12000, PSYCH 24900 -or- 25000; and PSYCH 22500 -or- 24300*

3 hrs.
3 cr.

**PSYCH 32700 - Motivation and Emotion**

**GER**
3/B

The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

*prereq: ENGL 12000, PSYCH 24900 -or- 25000; and PSYCH 22400*

3 hrs
3 cr.
PSYCH 32800 - States of Consciousness

GER
3/B

The subjective and physiological aspects of consciousness; the means by which it may be altered: hypnosis, dreams, drugs, meditation and mysticism; psychosis.

prereq: ENGL 12000; PSYCH 24900 -or- 25000; and PSYCH 24300
3 hrs
3 cr.

PSYCH 32900 - Cognitive Science

Introduction to cognitive science, the interdisciplinary study of the human mind from the perspectives of psychology, linguistics, computer science, neuroscience, and philosophy.

prereq: ENGL 12000, PSYCH 24800 with a C or better, PSYCH 24900 or 25000 and PSYCH 24300
3 hrs
3 cr.

PSYCH 33000 - Memory and Attention

This course is intended to provide an introduction to the processes associated with memory, attention, and their development, with particular attention given to classic and contemporary theories, and to how they interact with factors such as biology, age, culture and experience.

prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr.

PSYCH 33100 - Social Cognition of Gender

The course examines the social cognitive and motivational processes that a) underpin beliefs about and evaluations of men and women, b) affect behaviors toward and by men and women, and c) change or entrench attitudes and behaviors.

prereq: ENGL 12000, PSYCH 24900 or 25000, and either PSYCH 23000 or PSYCH 24300
3 hrs
3 cr.

PSYCH 33200 - Attitudes and Persuasion

This course reviews basic theory and research applications on attitudes and attitude change processes, including how attitudes are measured, used to predict behavior, and, to persuade individuals.

prereq: ENGL 12000; PSYCH 24900 or 25000; and PSYCH 21000 -or- 23000
3 hrs
3 cr.

PSYCH 33300 - Advanced Social Psychology Theory and Methods

In-depth training in the concepts and skills necessary for conducting scientific research in social psychology. Core concepts in social psychology are used as the basis for case-studies in which different methods for examining constructs are illustrated and compared.

prereq or coreq: PSYCH 24800 with a minimum grade of C; completion of PSYCH 24900 or 25000; declaration of the
PSYCH 33400 - Cultural Psychology

As our society becomes more multi-cultural, the question of how culture impacts psychological processes is increasingly important. The goal of this course is to expose students to the ways that cultural meanings, practices, and institutions influence and reflect individual human psychologies, with an emphasis on cultural variability in psychological theories and research findings. Topics include but are not limited to: a) What is cultural psychology; b) Research methods in cultural psychology; c) Historical and conceptual issues in cultural psychology; d) Cross-cultural models of self, attention, perception, morality, memory, human development and health; e) Cultural differences in gender effects and f) Policy implications of cultural psychology

prereq: ENGL 12000, Completion of PSYCH 24900 or 25000 and PSYCH 23000

PSYCH 34000 - Industrial and Organizational Psychology

GER

3/B

A review of research and theories on the effects of leadership, human relations, motivation and organizational structures on behavior in business and industrial settings; applications of personnel psychology, motivational psychology and human factors engineering in the work place; job analysis, employee selection, leadership, performance appraisal, power and authority, work motivation and organizational communication.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000. PSYCH 24900 or 25000

3 hrs

3 cr.

PSYCH 34100 - Stress, Trauma, and Resilience

This course covers the interrelated topics of stress, trauma, and resilience. The course uses a clinical science perspective to explore both normative (healthy) and problematic physiological and psychological responses to stress and trauma, as well as factors that influence resilience.

prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000

3 hrs.

3 cr.

PSYCH 34200 - Emotion: Function and Dysfunction

Focus of the course will be on understanding the role of emotion in both functional and dysfunctional contexts. Through readings, class discussion, and lecture, we will address how emotions can both be vital for survival yet at the heart of so many mental disorders

prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000

3 hrs.

3 cr.
PSYCH 34400 - Clinical Psychology

Clinical psychologists engage in a wide range of activities including research, teaching, assessment, administration, consultation. This course will discuss controversial issues regarding how to best define clinical psychology in a modern health practice context.

prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000
3 hrs.
3 cr.

PSYCH 34800 - Statistics Practicum in Psychology

GER
3/B

Apply and extend statistical knowledge and data analytic skills by tutoring students in PSYCH 24800 and serving as a teaching assistant for the course. Weekly seminar meetings provide training and support. Students prepare and give statistical presentations, write homework problems, help in computer labs, and evaluate homework problems or lab assignments.

prereq: PSYCH 24800 with a minimum grade of A-. perm instr.
3 hrs
3 cr.

PSYCH 35000 - Learning

GER
3/B

Theoretical and experimental approaches to human and animal learning; the relationship between systematic theory models and methodology; analysis of the historical and contemporary major contributions to learning theories.

prereq: ENGL 12000. PSYCH 24900 or 25000 and PSYCH 24300
3 hrs
3 cr.

PSYCH 35500 - Ethnic and Cultural Identity Theories

GER
3/B

Current research and theory on ethnic and racial identity development, including components of ethnic/racial/cultural identity; historical and conceptual issues; the state of theory and research on ethnic identity as it pertains to particular ethnic groups; racial and ethnic socialization; language and ethnic identity; applications of the ethnic identity construct.

prereq or coreq: Declared Psychology major; completion of PSYCH 24800 and either PSYCH 24900 or PSYCH 25000
3 hrs
3 cr.

PSYCH 36100 - Psychological Tests

GER
3/B
Introduction to the principles of psychological assessment; major methods of measuring general ability, aptitude, achievement, interest, personality. Appraisal of psychological tests.

prereq: ENGL 12000. PSYCH 24900 or 25000, PSYCH 21000
3 hrs
3 cr.

PSYCH 36200 - Psychological Determinants of Health Disparities

Current research, theory, and applications related to the psychological determinants of health disparities that are experienced as a function of population characteristics, including race/ethnicity, gender, age, socioeconomic status, and sexual orientation.

prereq: PSYCH 24900 -or- 25000; PSYCH 24200. Open only to psychology majors.
3 hrs
3 cr.

PSYCH 36300 - Health Behavior Change

A theoretical and practical introduction to health behavior change. The course explores the social and behavioral theories that guide understanding of health behavior and describes how these theories are translated into testable interventions for health promotion, risk reduction, and treatment.

prereq: PSYCH 24200 (Health Psychology); PSYCH 24900 or 25000; Open only to psychology majors.
3 hrs
3 cr.

PSYCH 36400 - Sexuality and Health

This course reviews the field of sexual health research, sexual health policy, and sexual health education and intervention, as well as specific topics such as the role of gender, sexual orientation, and personal motivation in sexual health.

prereq: PSYCH 17000 (Psychology of Human Sexuality); PSYCH 24200 (Health Psychology); PSYCH 24900 or 25000. Open only to Psychology Majors.
3 hrs
3 cr.

PSYCH 36500 - Coping with Chronic Disease

Focuses on current knowledge of psychological adjustment to chronic health conditions, including - intrapersonal, interpersonal and social determinants of adjustment using theory and empirical evidence within a stress and coping framework. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field.

prereq: PSYCH 24200, PSYCH 24900 or 25000. Open only to Psychology majors.
3 hrs
3 cr.

PSYCH 36600 - Interpersonal Relationships and Health
This course will familiarize students with current research, theory, and applications related to interpersonal processes and health, emphasizing emotional as well as physical health. It will broadly consider the literature in health psychology and relationship science and therefore maintains a biopsychosocial perspective of health and well-being. 

**prereq:** PSYCH 24200 (Health Psychology) or PSYCH 23000 (Social Psychology); PSYCH 24900 or 25000; Open only to psychology majors.

3 hrs

3 cr.

**PSYCH 36700 - Biological and Social Bases of Addictive Behavior**

A biopsychosocial approach to understanding risk factors, onset, course, treatment considerations and prognosis for common addictive behaviors. It explores the neurobiological, psychological, pharmacological, and cultural themes that unify the understanding of addictive behaviors.

**prereq:** PSYCH 24200 (Health Psychology) or PSYCH 22300 (Abnormal Psychology); PSYCH 24900 or 25000; PSYCH 30000 (Physiological Psychology). Open only to psychology majors.

3 hrs

3 cr.

**PSYCH 36900 - Behavioral Pharmacology**

**GER**

3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.

**prereq:** ENGL 12000, PSYCH 24900 or 25000, PSYCH 30000 or perm instr. and PSYCH 22400

3 hrs

3 cr.

**PSYCH 37000 - Cognitive Development**

**GER**

3/B

A comparative information processing perspective on the development of mental structure and functioning, including perception, memory, problem solving, self-awareness of thinking, intelligence, concept formation and language development.

**prereq:** ENGL 12000. PSYCH 24900 or 25000, PSYCH 27000 or perm instr.

3 hrs

3 cr.

**PSYCH 38000 - Microcomputers in Psychological Research**

**GER**

3/B

An introduction to the fundamentals of microcomputer programming and digital electronics, including the structure of a
computer language (BASIC), digital logic, interfacing and computer memory. Students learn to program psychological experiments, collect data, perform statistical analyses and control peripheral devices by microcomputer. Designed for advanced undergraduates.

*prereq: ENGL 12000. PSYCH 24900 or 25000, perm instr.*

3 hrs
3 cr.

**PSYCH 38100 - Current Topics in Animal Behavior**

Finding mates, securing shelter and food, and returning to a familiar home are ubiquitous animal functions which often require complex navigational strategies. This course will provide an advanced undergraduate level survey of the history of the field of animal orientation, and expound on ontogeny, mechanisms, and function of orienting behaviors.

*prereq: PSYCH 10000, PSYCH 16000 (Evolution and Behavior); PSYCH 22500 (Ethology); PSYCH 24800 (Psychological Statistics). Open only to psychology majors.*

3 hrs
3 cr.

**PSYCH 38200 - Current Topics in Biopsychology**

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of biological psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

*prereq: PSYCH 22400 (Neuroscience) PSYCH 25000 Open only to psychology majors.*

3 hrs
3 cr.

**PSYCH 38300 - Current Topics in Cognitive Psychology**

Focuses on contemporary knowledge and issues in the scholarly literature in selected areas in cognitive psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term. Students may take a Current Topics in Cognitive Psychology course twice.

*prereq: completion of PSYCH 25000 and 24300 with a grade of C or better*

3 hrs
3 cr.

**PSYCH 38400 - Current Topics in Developmental Psychology**

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of developmental psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

*prereq: ENGL 12000, PSYCH 21000 PSYCH 24900 or 25000*

3 hrs
3 cr.

**PSYCH 38500 - Current Topics in Social Psychology**
Focuses on contemporary knowledge and issues in the scholarly literature in selected areas within social psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

prereq: PSYCH 23000 (Social Psychology; PSYCH 24900 or 25000. Open only to psychology majors.
3 hrs
3 cr.

PSYCH 38600 - Current Topics in Clinical Psychology

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of clinical psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

prereq: PSYCH 22300 (Abnormal Psychology); PSYCH 24900 or 25000. Open only to psychology majors.
3 hrs
3 cr.

PSYCH 38700 - Current Topics in Health Psychology

Contemporary knowledge and issues in the scholarly literature in a focused area of health psychology. Emphases on interdisciplinary approaches and critical thinking, including links to theoretical and empirical foundations of the field. Topics vary each term.

prereq: PSYCH 24200; PSYCH 24900 -or- 25000; Open only to psychology majors
3 hrs
3 cr.

PSYCH 39000 - Special Topics in Psychology III

GER
3/B

Readings and discussion on a selected problem or topic area. Topics vary from semester to semester.

prereq: ENGL 12000, PSYCH 24900 or 25000, perm instr.
3 hrs
3 cr.

PSYCH 39500 - Independent Research in Psychology

May be taken two times, but will apply to the major only once. Designed to meet the needs of individual students under the direction of a particular instructor at a more advanced level than PSYCH 20100. Such study may involve independent reading, tutorials, independent research projects, or participation in ongoing faculty research, any of these culminating in an APA-style research report or literature review. Field Placements (internships) cannot be granted credit as PSYCH 39500; however, supervised field Placement taken in conjunction with PSYCH 36100 - Psychological Tests will be granted credit as PSYCH 39500.

prereq: ENGL 12000, PSYCH 24900 -or- 25000, perm instructor and department
3 hrs
3 cr.

PSYCH 39600 - Honors in Psychology
Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.

prereq: ENGL 12000. PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.
3 hrs
3 cr.

**PSYCH 39800 - Honors in Psychology**

Independent sponsored research and seminar. Attendance at regularly scheduled seminar and research report required. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.

prereq: PSYCH 39600, perm instr.
3 hrs
3 cr.

**PSYCH 40000 - Special Topics in Psychology IV**

GER
3/B

Readings and discussion on a selected problem or topic area. Topics vary from semester to semester.

prereq: ENGL 12000. PSYCH 24900 or 25000, perm instr.
3 hrs
3 cr.

**PUPOL 10000 - Introduction to Public Policy**

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines. Writing Requirements: This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr.

**PUPOL 40000 - Capstone Seminar**

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be
overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper. Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research. These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

**prereq:** Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.

3 hours
3 credits

**REL 11000 - Nature of Religion (W)**

**Hunter Core**
Individual and Society (Humanities) -I&S H
**GER**
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.

3 hrs
3 cr.

**REL 11100 - Approaches to Religion (W)**

**Hunter Core**
Individual and Society (I&S) Humanities
**GER**
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.

**prereq:** ENGL 12000

3 hrs
3 cr.

**ANTHC 30700 - Anthropology of Religion**

**Pluralism and Diversity**
PD/A
**GER**
3/B

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.

3 hrs
3 cr.

**REL 26000 - Special Topics: Theoretical Studies in Religion**

Specialized study of a methodological approach to the study of religion. Different topic each time offered.

3 hrs
3 cr.

**REL 27000 - Religion and Psychology (W)**
An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.

*prereq: ENGL 12000

3 hrs

3 cr.

**REL 31700 - Religion and Film (W)**

As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging discipline of 'religion and film studies.' As such, students will explore the nature of vision, representation, and narrative – topics central to both film and religious studies. Students will also view and analyze films as expressions of culture, including religious culture, and seek to understand the impact of ideology and social practice, gender and sexuality, as well as the economic structures underlying both film and religion.

*prereq: ENGL 12000

3 hrs

3 cr.

**REL 36000 - Special Topics: Theoretical Studies in Religion**

**GER**

3/A

Specialized study of a methodological approach to study of religion. Different topic each time offered.

3 hrs

3 cr.

**REL 39000 - Modern Theories of Religion (W)**

**Pluralism and Diversity**

**PD/D**

**GER**

3/A

An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.

*prereq: ENGL 12000, REL 11100

3 hrs

3 cr.

**REL 20400 - Religious Experience (W)**

**Hunter Core**

Individual and Society (Humanities) -I&S H
Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.

.prereq: ENGL 12000
3 hrs
3 cr.

**REL 20500 - Faith and Disbelief (W)**

Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.

.prereq: ENGL 12000
3 hrs
3 cr.

**REL 20600 - Ideas of God in Contemporary Western Thought (W)**

Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.

.prereq: ENGL 12000
3 hrs
3 cr.

**REL 20700 - Religious Sources for Morality (W)**

Hunter Core
Individual and Society (Humanities) -I&S H

Pluralism and Diversity
PD/D
GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.

.prereq: ENGL 12000
3 hrs
3 cr.
REL 20800 - Religion and Social Justice (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/B

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20900 - Religion and Human Rights (W)

Hunter Core
Individual and Society - Humanities
GER
2/C

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world’s religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.
prereq: ENGL 12000
3 hrs
3 cr.

REL 21000 - Atheism (W)

When a person, group, or idea is called 'atheist,' is that only a statement about theology or metaphysics, or do those who use that label intend to invoke the cultural power of God and, if so, to what end? How is the concept, 'atheism,' put into action in the world, and what does what we say about atheism say about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.
prereq: ENGL 12000
3 hrs
3 cr.

REL 26100 - Special Topics: Issues in Religion

Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
3 cr.

REL 30700 - Religious Ideas in Modern Literature (W)
Pluralism and Diversity
PD/D
GER
3/A

Exploration of religious themes in modern literature.
prereq: ENGL 12000
3 hrs
3 cr.

REL 30800 - Religion and the Arts (W)

Pluralism and Diversity
PD/D
GER
3/A

Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.
prereq: ENGL 12000
3 hrs
3 cr.

REL 30900 - The Religious Meanings of Love and Sex (W)

Pluralism and Diversity
PD/D
GER
3/A

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31000 - The Religious Meanings of Death (W)

Pluralism and Diversity
PD/D
GER
3/A

Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31100 - Women and Religion (W)

Pluralism and Diversity
PD/C
GER
An examination of the role of women and the concept of the feminine in world religions.

prereq: ENGL 12000
3 hrs
3 cr.

REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and non-Western traditions, both conservative and radical.

prereq: ENGL 12000
3 hrs
3 cr.

REL 31300 - Ecospirituality: Religion and Nature (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.

prereq: ENGL 12000
3 hrs
3 cr.

REL 31500 - The Problem of Evil (W)

Pluralism and Diversity
PD/D
GER
3/A

Exploration of the religious meaning of evil in different cultures.

prereq: ENGL 12000
3 hrs
3 cr.

REL 31600 - Men and Religion (W)

Pluralism and Diversity
PD/C -or- PD/D

Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars—both male and female—have begun to address
issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.  

prereq: ENGL 12000  
3 hrs  
3 cr.

REL 31800 - Religion and Science (W)

A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.  

prereq: ENGL 12000  
3 hrs  
3 cr.

REL 31900 - Religion and the Body (W)

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.  

prereq: ENGL 12000  
3 hrs  
3 cr.

REL 33400 - Mysticism (W)

Pluralism and Diversity  
PD/D  
GER  
3/A

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.  

prereq: ENGL 12000  
3 hrs  
3 cr.

REL 33500 - Myth and Ritual (W)

Pluralism and Diversity  
PD/D  
GER  
3/A

Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis.
prereq: ENGL 12000
3 hrs
3 cr.

REL 34000 - Homosexuality in World Religions (W)

Pluralism and Diversity  
PD/C  
GER  
3/A

A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender.  
prereq: ENGL 12000  
3 hrs  
3 cr.

REL 36100 - Special Topics: Issues in Religion

GER  
3/A

Study of particular religious topics or thinkers. Different subject each time offered.  
3 hrs  
3 cr.

HIST 31500 - Christianity in Modern Times

GER  
3/B

Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.  
3 hrs  
3 cr.

REL 21100 - The Sacred Sky: Astrology in World Religions (W)

Hunter Core  
World Cultures and Global Issues (WCGI)  
GER  
2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.  
prereq: ENGL 12000  
3 hrs  
3 cr.
REL 25100 - Asian Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C
Study of indigenous religions of Pacific Islanders and North American Indians.

*prereq: ENGL 12000
3 hrs
3 cr.

**REL 25500 - Religions of Two Gods (W)**

**Hunter Core**
Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

*prereq: ENGL 12000
3 hrs
3 cr.

**REL 25600 - Afro-Caribbean Religions (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.

*prereq: ENGL 12000
3 hrs
3 cr.

**REL 25700 - Religions of Ancient Central and South America (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization.

The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

*prereq: ENGL 12000
3 hrs
3 cr.*
REL 25800 - Religions of Ancient Europe (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D D
GER
2/C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

prereq: ENGL 12000
3 hrs
3 cr.

REL 25800 - Religions of Ancient Europe (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

3 hrs
3 cr.

REL 26200 - Special Topics: Religious Traditions

Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.

3 hrs
3 cr.

REL 31400 - Religion and Sports (W)

GER
3/A

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in 19th century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of
sport.

**REL 32000 - Hinduism (W)**

**Prerequisites:**
ENGL 12000
3 hrs
3 cr.

**Pluralism and Diversity**
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices.

**REL 32100 - Buddhism (W)**

**Prerequisites:**
ENGL 12000
3 hrs
3 cr.

**Pluralism and Diversity**
PD/A
GER
3/A

Study of Buddhism, its development, history, literature, philosophy and religious practices.

**REL 32200 - Islam (W)**

**Prerequisites:**
ENGL 12000
3 hrs
3 cr.

**Pluralism and Diversity**
PD/A
GER
3/A

Study of Islam, its development, history, literature, philosophy and religious practices.

**REL 32300 - Christianity (W)**

**Prerequisites:**
ENGL 12000
3 hrs
3 cr.

**Pluralism and Diversity**
PD/D
GER
3/A

Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
REL 32400 - Islam and Buddhism (W)

Pluralism and Diversity
GER
3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.

prereq: ENGL 12000
3 hrs
3 cr.

REL 32600 - Religious Meanings of the Qur'ān (W)

GER
3/A

This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" (`Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility (especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.

prereq: Engl 12000
3 hrs
3 cr.

REL 33000 - New Testament Religion (W)

Pluralism and Diversity
GER
3/A


prereq: ENGL 12000
3 hrs
3 cr.

REL 33300 - Christian Theology (W)

Pluralism and Diversity
GER
3/A
An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.

prereq: ENGL 12000
3 hrs
3 cr.

REL 33600 - Zen (W)

Pluralism and Diversity
PD/A
GER
3/A

An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds.

prereq: ENGL 12000
3 hrs
3 cr.

REL 33700 - Sufism (W)

Pluralism and Diversity
PD/A
GER
3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/hwuf, attending to the history, doctrine and metaphysics of the Sufi path.

prereq: ENGL 12000
3 hrs
3 cr.

REL 36200 - Special Topics: Religious Traditions

GER
3/A

Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.

3 hrs
3 cr.

REL 41000 - Independent Study in Religion

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.

May be taken a second or third time with another subject.

prereq: perm chair
hrs TBA
1-6 cr.

REL 45000 - Honors Seminar in Religion
Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.

**prereq:** five courses in religion or a major/CUNY-BA focus in religion and perm instr. or program director

3 hrs
3 cr.

**REL 49000 - Honors Tutorial in Religion**

Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.

**prereq:** perm chair

hrs TBA
3-6 cr.

**FREN 10100 - Elementary French I**

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**FREN 10200 - Elementary French II**

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

**prereq:** FREN 101 or one yr high school French.

3 hrs
3 cr.

**FREN 10250 - Beginning French Conversation and Cultural Enrichment**

Not credited toward language requirement. Conversational practice, cultural texts and activities for second-semester French students.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

**coreq:** FREN 10200

2 hrs
2 cr.

**FREN 10300 - Intensive Elementary French**
Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
6 hrs
6 cr.

FREN 20100 - Intermediate French I

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr.

FREN 20200 - Intermediate French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 2000 or three yrs high school French
3 hrs
3 cr.

FREN 20300 - Intensive Intermediate French

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr.

FREN 20800 - French for Francophones

An intermediate-level language course designed for French speakers who have acquired the language in the family, local Francophone communities or abroad. Emphasizes the development of oral and written skills to the advanced level through interviews, readings and writing assignments. Spelling and grammar are also highlighted.
prereq: intermediate-level ability as determined by dept. exam or interview; perm dept.
3 hrs
3 cr.

FREN 21100 - Intermediate Grammar and Composition

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.
prereq: FREN 202, 203, or placement by departmental adviser
FREN 22000 - Advanced French Conversation

prereq: FREN 20200 or four yrs high school French

FREN 24100 - Early French Civilization: From Gothic to Revolution

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.

FREN 24200 - Modern French Civilization: From Revolution to Present

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Conducted in English; readings in English.

FREN 25100 - French Literature and the Arts

Pluralism and Diversity
PD/D
Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.

FREN 25200 - From Symbolism to Surrealism in French Literature

GER
3/A

Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.
3 hrs
3 cr.

FREN 25300 - Modern French Theatre: Theory and Practice

Pluralism and Diversity
PD/D
GER
3/A


4 hrs
3 cr.

FREN 25400 - Film and the French Novel

Pluralism and Diversity
PD/D
GER
3/A

Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.

4 hrs
3 cr.

FREN 25500 - New Approaches to Modern French Literature

GER
3/A

Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.

3 hrs
3 cr.

FREN 25600 - Dream and Image (W)

GER
3/A

Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.

3 hrs
3 cr.

FREN 25700 - Literary Cross-Currents

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.

prereq: reading knowledge of French
FREN 25800 - French Poetry in Translation

Conducted in English. Study of major themes, theories and texts from 16th century to the contemporary period.
3 hrs
3 cr.

FREN 25900 - French Theatre in Translation

Pluralism and Diversity
PD/D
Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation.
3 hrs
3 cr.

FREN 26000 - French Novel in Translation (1600-1900)

Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of the French novel; its relationship to other literary genres.
3 hrs
3 cr.

FREN 26100 - Modern French Novel in Translation (1900-Present)

Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3 cr.

FREN 26200 - Perspectives on Women in French Literature

Pluralism and Diversity
PD/C or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr.

FREN 27500 - Introduction to French Literature

Pluralism and Diversity
PD/D
Conducted in French. Introduction to literary texts and analysis using outstanding works of French literature in all genres from across centuries. Emphasis on reading comprehension and explication de texte.

**FREN 31100 - Advanced French Grammar**

*prereq: FREN 20200 or four yrs high school French*

3 hrs

3 cr.

**FREN 31200 - French Oral and Written Expression**

*prereq: FREN 20200 or equiv.*

3 hrs

3 cr.

**FREN 32100 - French Translation**

*prereq: FREN 20200 or equiv.*

3 hrs

3 cr.

**FREN 33500 - French Culture I**

**Pluralism and Diversity**

PD/D

Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.

*prereq: FREN 20200 or four yrs high school French*

3 hrs

3 cr.

**FREN 33600 - French Culture II**

**Pluralism and Diversity**

PD/D

Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.

*prereq: FREN 20200 or four years of high school French*

3 hrs

3 cr.

**FREN 33700 - Contemporary French Culture**

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press.

*prereq: FREN 31100 or 31200 or perm instr.*

3 hrs

3 cr.
FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 34300 - Medieval and Renaissance French Literature

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr.

FREN 34400 - 17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruyère, Mme de Lafayette, La Fontaine, Malherbe, Molière, Pascal, Racine, Mme de Sévigny, Saint Simon.

prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 34600 - 18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 34800 - 19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.
FREN 34100 and 34200
3 hrs
3 cr.

FREN 34900 - 19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lisle-Adam, Zola.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35000 - 20th Century French Literature (1900-1950)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Péguy, Proust, Sartre.

prereq: FREN 34100 and 34200
3 hrs
3 cr.
**FREN 35100 - Contemporary French Literature (1950-present)**

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Koltès, NDiaye, Pèrec, Redonnet, Robbe-Grillet, Sarraute.

*prereq: FREN 34100 and 34200*

3 hrs
3 cr.

**FREN 35300 - Survey of Francophone Literature**

GER
3/A

A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.

*prereq: FREN 34100 and 34200*

3 hrs
3 cr.

**FREN 36000 - French Literature: Special Topics**

Pluralism and Diversity
PD/D
GER
3/A

*prereq: FREN 34100 and 34200*

3 hrs
3 cr.

**FREN 36100 - Middle Ages and the Renaissance: Special Topics**

Pluralism and Diversity
PD/D
GER
3/A

*prereq: FREN 34100 and 34200*

3 hrs
3 cr.

**FREN 36200 - The 17th Century: Special Topics**

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr.

**FREN 36300 - The 18th Century: Special Topics**

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

**FREN 36400 - The 19th Century: Special Topics**

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

**FREN 36500 - The 20th Century: Special Topics**

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

**FREN 36600 - French Cinema: Special Topics**

Pluralism and Diversity
PD/D
GER
3/A

Topics to be offered may concern historical, thematic, or aesthetic issues in French-language cinema
prereq: FREN 34100 and FREN 34200 or equivalent
4 hrs
3 cr.

**FREN 37500 - Seminar in French Literary History**
Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
*prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr.

FREN 39900 - Second Language Acquisition

*prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr.

FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to Jr/Sr only. Research in history of French literature.
*prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3 cr.

FREN 49500 - Independent Study in French Literature

*prereq: perm adviser
1-3 cr.

ITAL 10100 - Elementary Italian I

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

ITAL 10200 - Elementary Italian II

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
*prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr.

ITAL 10251 - Elementary Italian Conversation
Not credited toward language requirement. Elementary Italian conversation at the 2nd-semester level.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**coreq:** ITAL 10200 or perm instr.
2 hrs
2 cr.

**ITAL 10300 - Intensive Elementary Italian**
Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

6 hrs
6 cr.

**ITAL 20100 - Intermediate Italian I**
Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr.

**ITAL 20200 - Intermediate Italian II**
Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 201 or three yrs high school Italian
3 hrs
3 cr.

**ITAL 20300 - Intensive Intermediate Italian**
Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 10200 or 10300
6 hrs
6 cr.

**ITAL 22100 - Italian for Oral Communication**
A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200 or perm dept.
3 hrs
3 cr.
ITAL 26000 - Modern Italian Short Story (W)

Pluralism and Diversity
PD/D
GER
2/C

In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.
_prereq: ENGL 120 or equiv._

3 hrs
3 cr.

ITAL 27500 - Masterpieces of Italian Literature

In English. Selections from Dante to Leopardi. Strongly recommended before taking any 300-level course.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
_prereq: ENGL 12000

3 hrs
3 cr.

ITAL 27600 - Dante's Divine Comedy in English (W)

Pluralism and Diversity
PD/D
GER
3/A

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
_prereq: ENGL 12000

3 hrs
3 cr.

ITAL 28000 - The Italian Renaissance: An Introduction

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/D
GER
2/C

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
_prereq: ENGL 12000
ITAL 31100 - Advanced Italian Grammar

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200 or equiv.

3 hrs
3 cr.

ITAL 31200 - Advanced Italian Composition

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 31100 or equiv.

3 hrs
3 cr.

ITAL 32100 - Italian Translation

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 311 or equiv.

3 hrs
3 cr.

ITAL 33100 - Italian Phonetics and Diction

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 202 or equiv.

3 hrs
3 cr.

ITAL 33400 - Italian Civilization in the Baroque, in English

**Pluralism and Diversity**
**PD/D**
**GER**
2/C

An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation

3 hrs
3 cr.

ITAL 33500 - Italian Culture I
In English. Main intellectual-artistic currents from the 12th to 15th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ENGL 12000*

3 hrs

ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English

Pluralism and Diversity

PD/C

GER

2/C

Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ENGL 12000*

3 hrs

ITAL 33800 - 19th and 20th Century Italian Women Writers, in English

Pluralism and Diversity

PD/C

GER

3/A

Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Margherita Guidacci, Maria Luisa Spaziani. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ENGL 12000*

3 hrs

3 cr.
ITAL 33900 - Italian American Women Writers and Artists: Issues of Identity (W)

Pluralism and Diversity
PD/C
GER
3/A

In English. An active exploration of feminine Italian American identity through literature, film and visual arts. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000
3 hrs
3 cr.

ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

GER
3/A

Selections from Dante to Ariosto.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 20200
3 hrs
3 cr.

ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present

Pluralism and Diversity
GER 3/A PD/D

Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 20200
3 hrs
3 cr.

ITAL 34300 - Dante’s Vita Nuova and Inferno

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
3 hrs
3 cr.
ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 34300
3 hrs
3 cr.

ITAL 34500 - Dante's Paradiso and Major Prose Works

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 34300
3 hrs
3 cr.

ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism

Pluralism and Diversity
PD/D
GER
3/A

Il Canzoniere and Il Decameron.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 34700 - 16th Century Italian Literature

Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
ITAL 34800 - 17th and 18th Century Literature

Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100

ITAL 34900 - The Modern Italian Lyric

From Leopardi to contemporaries.

prereq or coreq: ITAL 34200

ITAL 35000 - The Modern Italian Novel

Novel from Manzoni to present.

prereq or coreq: ITAL 34200

ITAL 35100 - The Modern Italian Theatre

Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.

prereq or coreq: ITAL 34200
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 35200 - The Italian Novel and Cinema

GER
3/A

Selected works by 20th century writers - in English translation - and the movies they inspired, with particular attention to theme, milieu, perspective, genre, stylistic techniques, and aesthetic results.

prereq: ENGL 22000 or perm. instr.
4 hrs
3 cr.

ITAL 36000 - The Middle Ages: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 36100 - The Renaissance: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 36200 - The 17th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 36300 - The 18th Century: Special Topics
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 36400 - The 19th Century: Special Topics**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34200*

3 hrs

3 cr.

**ITAL 36500 - The 20th Century: Special Topics**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34200*

3 hrs

3 cr.

**ITAL 37000 - Italian Literature: Special Topics**

Topics to be offered may include individual authors, themes, genres, movements, or approaches.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34100 or 34200 (depending on topic)*

3 hrs

3 cr.

**ITAL 37500 - Seminar in Italian Literary History**

Strongly recommended for all Italian majors. Readings, discussion and reports.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ITAL 34100, 34200*

3 hrs

3 cr.
ITAL 39900 - Second Language Acquisition

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs
3 cr.

ITAL 49100 - Honors Course in Italian

Open to Jr/Sr only. Major GPA of 3.2 and cumulative GPA of 2.8.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: at least five courses in Italian literature and civilization; perm chair
3 hrs
3 cr.

ITAL 49500 - Independent Study in Italian Literature

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: perm dept. adviser
1-3 cr.

SPAN 10100 - Elementary Spanish I

Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr.

SPAN 10251 - Elementary Spanish Conversation

Elementary Spanish conversation at second semester level. Not credited toward language requirement. Not open to native speakers.
Spanish for English speakers.
coreq: SPAN 102 or perm instr.
2 hrs
2 cr.

SPAN 10300 - Intensive Elementary Spanish
Equivalent to material covered in 10100 and 10200. Language lab mandatory.

6 hrs
6 cr.

**SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish**

Spanish for native speakers.
3 hrs
3 cr.

**SPAN 10600 - Oral and Written Skills for Native Speakers of Spanish**

Spanish for native speakers.
prereq: SPAN 10500 or 20500 or perm dept.
3 hrs
3 cr.

**SPAN 20000 - Basic Spanish Review**

Designed for students whose study of Spanish has been interrupted for a minimum of four (4) yrs and who wish to continue their study of Spanish. It is not suitable for native or heritage speakers of the language. This course bridges the gap between the high elementary and intermediate levels. It provides grammar review needed for oral and written expression and emphasizes the active use of the language through task-oriented activities and discussion of cultural and literary texts.

Spanish for English speakers.
prereq: dept. placement exam, three yrs high school Spanish or three sems college Spanish
3 hrs
3 cr.

**SPAN 20100 - Intermediate Spanish I**

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr.

**SPAN 20200 - Intermediate Spanish II**

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr.

**SPAN 20300 - Intensive Intermediate Spanish**

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr.

SPAN 20700 - Intermediate Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 10600, 20600 or perm dept.
3 hrs
3 cr.

SPAN 20800 - Advanced Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.

SPAN 21000 - Spanish for Social Service Fields

Spanish for English speakers.
prereq: SPAN 20100 or equiv.
3 hrs
3 cr.

SPAN 21100 - Spanish Grammar and Composition

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr.

SPAN 21200 - Spanish for Classroom Communication

prereq: SPAN 20100 or equiv.
3 hrs
3 cr.

SPAN 22100 - Spanish for Oral Communication

Not for fluent Spanish speakers.
prereq: SPAN 20200 or equiv. and perm adviser
3 hrs
3 cr.

SPAN 27000 - Spanish Composition for Spanish Speaking Students

prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.
SPAN 27500 - Readings in Modern Spanish Literature

Pluralism and Diversity
PD/D
Representative writers: Unamuno, Lorca, Cela.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm
3 hrs
3 cr.

SPAN 27600 - Readings in Modern Spanish- American Literature

Representative writers: Borges, Neruda, Cortazar, Garcia Mírquez.
prereq: SPAN 20200, 20300, 20800 21100 or four yrs high school Spanish or dept. perm.
3 hrs
3 cr.

SPAN 31100 - The Structure of Modern Spanish

prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr.

SPAN 31300 - Spanish Stylistics

Practice in Spanish writing through stylistic analysis of poetic and narrative structures and the relationship of text and context.
prereq: ENGL 12000; SPAN 31100, 31200, 34100, 34200
3 hrs
3 cr.

SPAN 31400 - Spanish Writing Workshop I: Poetry

Creative self-expression in Spanish through writing poetry.
prereq: ENGL 12000; SPAN 31100, 31200, 31300, 34100, 34200
3 hrs
3 cr.

SPAN 31500 - Spanish Writing Workshop II: Narrative

Creative self-expression in Spanish through writing narrative.
prereq: ENGL 12000; SPAN 31100, 31200, 31300, 34100, 34200
SPAN 32100 - Spanish Translation

prereq: SPAN 31100, 31200; ENGL 12000

SPAN 33500 - Spanish Civilization

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

SPAN 33600 - Latin American Civilization

GER
3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100  
coreq: SPAN 31200  
3 hrs  
3 cr.

**SPAN 34300 - Spanish Literature of the Middle Ages**

**Pluralism and Diversity**  
PD/D  
GER  
3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic *Poema de Mio Cid*, the beginning of the Christian cult of Virgin Mary (*Milagros de Nuestra Señora*), the origins of the short stories (*Libro de Conde Lucanor*), and the elegy will be studied. Special attention will be given to the position of women since the 12th Century, especially in *Libro de buen amor*.

prereq: SPAN 34100  
3 hrs  
3 cr.

**SPAN 34500 - Spanish Drama of the Golden Age**

**Pluralism and Diversity**  
PD/D  
GER  
3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.

prereq: SPAN 34100  
3 hrs  
3 cr.

**SPAN 34600 - Cervantes**

**Pluralism and Diversity**  
PD/D  
GER  
3/A

Don Quijote.

prereq: SPAN 34100  
3 hrs  
3 cr.

**SPAN 34900 - Spanish Prose of the Golden Age**

**Pluralism and Diversity**  
PD/D  
GER  
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors
as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.

*prereq: SPAN 34100
3 hrs
3 cr.*

**SPAN 35000 - Spanish Poetry of the Golden Age**

*Pluralism and Diversity
PD/D
GER
3/A*

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.

*prereq: SPAN 34100
3 hrs
3 cr.*

**SPAN 35300 - Spanish Neoclassicism and Romanticism**

*Pluralism and Diversity
PD/D
GER
3/A*

Representative works of Neoclassical and Romantic periods, including costumbrismo.

*prereq: SPAN 34100
3 hrs
3 cr.*

**SPAN 35500 - Spanish Literature from Realism to World War I**

*Pluralism and Diversity
PD/D
GER
3/A*

From Realism and Naturalism through the Generation of 1898 and Modernism.

*prereq: SPAN 34100
3 hrs
3 cr.*

**SPAN 35700 - Early 20th Century Spanish Literature**

*Pluralism and Diversity
PD/D
GER
3/A*

Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.

*prereq: SPAN 34100*
SPAN 35800 - Post-Civil War Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36000 - Spanish-American Literature of the Colonial Period

GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish-American literature.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A
Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36600 - Contemporary Latin American Poetry

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36700 - Latin American Essay

GER
3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-American history.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36800 - Contemporary Latin American Narrative

GER
3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'Boom', novel of the dictator.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 37400 - Contemporary Literature and Film

GER
3/A

Conducted in Spanish. Analysis of contemporary novels from Latin America and Spain and the films based upon them

prereq: SPAN 34100 or instructor permission
3 hrs
3 cr.
SPAN 37600 - Time, Love and Death in Spanish Poetry from the Middle Ages to the Postmodern Age

This course, taught in Spanish, focuses on three poetic themes (time, love and death) and on the relationship between an epoch its literary styles. It is designed for advanced students and entails the study of poems from pre-modern, modern and post-modern times. The course also explores theoretical issues related to the Romantic revolution and post modernity.

prereq: SPAN 34100, 34200
3 hrs
3 cr.

SPAN 38000 - Introduction to Translation and Interpretation Studies

Provides an introduction to basic concepts and techniques of translation and interpretation and develops a systematic approach to resolving language transference problems.

prereq: SPAN 31100 and 31200
3 hrs
3 cr.

SPAN 38100 - Translation from Spanish into English

Develops proficiency in translating from Spanish into English. The student will work with a variety of general Spanish texts and develop skills for analyzing and rendering them accurately into English. In addition, s/he will examine the best ways to handle idiomatic expressions, tenses and other complex grammatical structures. S/he will become familiar with the relevant terminology and theoretical issues, as well as learn how to select and evaluate dictionaries and other research materials.

prereq: SPAN 38000
3 hrs
3 cr.

SPAN 38200 - Consecutive Interpretation Spanish-English/English-Spanish

An overview of the principles of consecutive interpretation.

prereq: SPAN 38000
3 hrs
3 cr.

SPAN 38300 - Translation from English into Spanish

Reinforces the basic principles of translation taught in SPAN 3800 with more advanced texts, and adds a special emphasis on style and the specific demands of certain categories of texts, as well as theoretical discussion regarding choices in translation.

prereq: SPAN 38000
3 hrs
3 cr.

SPAN 38400 - Simultaneous Interpretation Spanish-English
Designed so that students may begin working directly on the skills, protocol and practice of simultaneous interpretation, analyze in detail its processes, and review the settings in which it is used.

*prereq:* SPAN 38000

3 hrs  
3 cr.

**SPAN 39000 - Translation and Interpretation for the Professions**

This series of courses will focus each semester on a different professional area, such as legal, medical, business, technical-scientific, social, and literary translation.

*prereq:* varies by course

3 hrs  
3 cr.

**SPAN 39100 - Internship in Translation**

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship. It consists of 70 hours of practical work in translation for a financial institution, law firm, translation agency, the United Nations, or other organization. In addition, the student must attend regularly scheduled meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional translation.

*prereq:* SPAN 38100 – 38400, 39000

3 hrs  
3 cr.

**SPAN 39200 - Internship in Interpretation**

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship to train them in real-world interpreting skills in the context of court interpreting, parliamentary procedure, diplomatic etiquette, conference organization, etc. This internship consists of 70 hours of practical work in interpretation as well as frequent meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional interpretation.

*prereq:* SPAN 38100 – 38400, 39000

3 hrs  
3 cr.

**SPAN 39300 - Medical Translation and Interpretation**

An overview of translation for the medical field and related sciences. The course introduces the students to key terminology, skills, as well as ethics of work in this field.

*prereq:* SPAN 38000

3 hrs  
3 cr.

**SPAN 24100 - Civilization of Spain, in English**
Hunter Core
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
GER 2/C PD/D
An integrated presentation of Spanish civilization, combining historical with literary and other cultural aspects.

*prereq: ENGL 12000*
3 hrs
3 cr.

**SPAN 26300 - Contemporary Spanish-American Literature in Translation**

Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.

*prereq: ENGL 12000*
3 hrs
3 cr.

**SPAN 26400 - Contemporary Spanish Literature in Translation**

Cela, Lorca, Unamuno, Ortega y Gasset.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.

*prereq: ENGL 12000*
3 hrs
3 cr.

**SPAN 26500 - Don Quixote (in English translation) (W)**

**Pluralism and Diversity**
PD/D
GER
3/A

Commentary and analysis of Cervantes' novel in its entirety, read in English translation. Examination of its main themes within the sociohistorical and literary contexts, as well as its essential role in the development of the modern novel.

*Writing Intensive*  
*prereq: ENGL 12000*
3 hours
3 credits

**SPAN 26500 - Don Quixote in English Translation**

**Pluralism and Diversity**
PD/D
GER
3/A

Conducted in English. Commentary and analysis of Cervantes' novel in its entirety in English translation. Examination of its main themes within their socio-historical and literary contexts, as well as its essential role in the development of the modern novel.
**SPAN 26900 - Spanish American Women's Literature and Cinema (W)**

Pluralism and Diversity  
PD/A or C  
GER  
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues. Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.  
*cross-listed* WGS 26900  
prereq: ENGL 12000  
3 hrs  
3 cr.

**SPAN 33100 - Spanish Phonetics and Diction**

Third-level courses are designed for students who want to major in Spanish or are highly qualified and are accepted by the Spanish adviser. SPAN 31100-31500 are designed to prepare students to write professionally. SPAN 31100 and 31200 are required for all Spanish majors and recommended for other qualified students who have completed first-level courses.  
prereq: SPAN 20200 or equiv.  
3 hrs  
3 cr.

**SPAN 37000 - Special Topics in Spanish Literature**

Pluralism and Diversity  
PD/D  
GER  
3/A

May be repeated with different topic.  
prereq: SPAN 34100; permission of adviser.  
3 hrs  
3 cr.

**SPAN 37100 - Special Topics in Spanish-American Literature**

GER  
3/A

May be repeated with different topic.  
prereq: SPAN 34100; permission of adviser.  
3 hrs  
3 cr.
SPAN 37300 - Problems in Criticism

GER
3/A

Major trends in contemporary literary theory and criticism.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 37500 - Seminar in Spanish Literary History

Pluralism and Diversity
PD/D
GER
3/A

Recommended for seniors. Readings, discussion and reports.

prereq: SPAN 34100, 34200
3 hrs
3 cr.

SPAN 39900 - Second Language Acquisition

prereq: at least three courses at the 300-level in the language; ENGL 12000
3 hrs
3 cr.

SPAN 49100 - Honors Course in Spanish: Special Studies in Contemporary Latin American Literature

Open to Jr/Sr only. Group meetings, conferences, oral and written reports.

prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser
3 hrs
3 cr.

SPAN 49200 - Honors Course in Spanish: Special Studies in Spanish Literature

Jr/Sr only. Group meetings, conferences, oral and written reports.

prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser
3 hrs
3 cr.

SPAN 49500 - Independent Study in Hispanic Literature

Pluralism and Diversity
PD/D
prereq: perm dept.
1-3 cr.
PORT 10100 - Elementary Portuguese I

Elementary Portuguese, Language Lab
PORT 10100 not usually credited without PORT 10200
3 hrs
3 cr.

PORT 10200 - Elementary Portuguese II

Elementary Portuguese II language lab
PORT 10200 not credited without PORT 10100
3 hrs
3 cr.

PORT 20100 - Intermediate Portuguese I

Intermediate Portuguese I
prereq: PORT 10200 or two years of high school Portuguese
3 hrs
3 cr.

PORT 20200 - Intermediate Portuguese II

Intermediate Portuguese II
prereq: PORT 20100 or 3 years of High School Portuguese
3 hrs
3 cr.

PORT 22100 - Conversational Portuguese

Students hone their speaking and listening and, to a lesser extent, their writing skills in Portuguese. The course employs a variety of materials, including literary texts, music, and cinema, alongside the traditional tools of grammar and vocabulary introduced through a textbook.

prereq: PORT 20200 or fourth-semester proficiency in Portuguese.
3 hrs
3 cr.

PORT 22100 - Conversational Portuguese

Students hone their speaking and listening and, to a lesser extent, their writing skills in Portuguese. The course employs a variety of materials, including literary texts, music, and cinema, alongside the traditional tools of grammar and vocabulary introduced through a textbook.
prereq: PORT 20200 or placement equivalency
3 hrs
3 cr.

PORT 27000 - Portuguese Grammar and Composition
This course offers students an opportunity to review the grammar and syntax they have already encountered in lower-division language courses and to acquire new and more complex structures. Students use a workbook and authentic materials to hone their grammar and composition skills.

prereq: PORT 20200 or fourth-semester proficiency in Portuguese.
3 hrs
3 cr.

PORT 27000 - Portuguese Grammar and Composition

This course offers students an opportunity to review the grammar and syntax they have already encountered in lower-division language courses and to acquire new and more complex structures. Students use a workbook and authentic materials to hone their grammar and composition skills.

prereq: PORT 20200 or placement equivalency
3 hrs
3 cr.

PORT 34100 - Portuguese and Brazilian Literature

Students will read some of the masterpieces of Portuguese and Brazilian literature. Presented in chronological order, this survey of the tradition touches on key intellectual, social, and political developments that marked literary production in Portuguese, notably the colonization of Brazil and the birth of its own literary tradition. The course fosters creative writing as well as critical thinking through literary analysis. The course is taught in Portuguese.

prereq: PORT 20200 or fourth-semester proficiency in Portuguese.
3 hrs
3 cr.

POL 10100 - Elementary Polish

POL 10100 usually not credited without POL 10200. For details about credit policy, please see Language Proficiency Requirement.
2 sems, 6 hrs
6 cr.

POL 10200 - Elementary Polish

2 sems, 6 hrs
6 cr.

POL 20100 - Intermediate Polish I

prereq: POL 10200
3 hrs
3 cr.

POL 20200 - Intermediate Polish II

prereq: POL 20100
3 hrs
3 cr.
POL 25000 - Topics in Polish Literature

Pluralism and Diversity
PD/D
Example: the 19th century Polish novel.
3 hrs
3 cr.

POL 30000 - Independent Study in Polish Language and Literature

3 hrs
3 cr.

RUSS 10100 - Elementary Russian

The course introduces students to elementary reading, speaking, listening and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 10300. For details about credit policy, please see Language Proficiency Requirement.
prereq: By departmental permission only.
2 sems, 3 hrs
3 cr. each sem.

RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr. each sem.

RUSS 10300 - Elementary Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.
6 hrs
6 cr.

RUSS 20100 - Intermediate Russian I

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.
prereq: RUSS 10200 or 10300
3 hrs
3 cr.

RUSS 20200 - Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr.

RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.

_prereq: RUSS 10300 or instructor's permission._

6 hrs
6 cr.

RUSS 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.

_prereq: at least three courses at the 300 level in the language, ENGL 120_

3 hrs
3 cr.

RUSS 49800 - Internship in Russian and Slavic Studies

Students who enroll in the course can work in corporations, government agencies and non-profit organizations. In addition to gaining work-related skills, students develop contacts for future employment and acquire job-related experience. No more than 6 total internship credits can be taken. 3 credits count toward Russian major or minor.

_prereq: Russian 20200 or an equivalent, or by permission of the head of the program; ENGL 12000_

3 cr.

RUSS 30100 - Advanced Russian I

Mastery of grammar in its application to writing, listening comprehension and oral expression.

_prereq: RUSS 20200 or equiv._

3 hrs
3 cr.

RUSS 30200 - Advanced Russian II

GER
3/A

Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports.

_prereq: RUSS 20200 or equiv_

3 hrs
3 cr.

RUSS 31200 - Advanced Russian Conversation I

Conversation and oral exercises; discussions based on readings of social and cultural interest. Introduction to oral interpreting.

_prereq: RUSS 20200 or equiv._
RUSS 31300 - Advanced Russian Conversation II

Literary, political, social, scientific vocabulary. Scholarly reports and practical exchanges on selected topics.  
 prereq: RUSS 20200 or equiv.
3 hrs  
3 cr.

RUSS 31400 - Reading Russian I

Reading and critical analysis of selected literary and journalistic texts from various disciplines. Grammar review through reading.  
 prereq: RUSS 20200 or equiv.
3 hrs  
3 cr.

RUSS 31500 - Reading Russian II

In-depth study of syntax and idiomatic language to improve reading competency.  
 prereq: RUSS 20200 or equiv.
3 hrs  
3 cr.

RUSS 24500 - Russian Folklore: Slavic Myths and Traditions

Common Slavic myths, traditions and social structures.  
 prereq: RUSS 20200 or equiv.
3 hrs  
3 cr.

RUSS 24600 - Special Topics in Slavic Literature and Cultures

Sample topic: fairy tales, satire.  
 prereq: RUSS 20200 or equiv.
3 hrs  
3 cr.

RUSS 32100 - Russian Short Story and Novella

Pluralism and Diversity  
 PD/D  
 GER  
3/A

Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn.  
 prereq: RUSS 20200 or equiv.
3 hrs  
3 cr.
RUSS 32200 - Classical Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A

Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 32300 - Modern Russian Poetry

Pluralism and Diversity
PD/D
GER
3/A

Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovskiy, Esenin, Pasternak, Yevtushenko.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 32400 - Literature of Kievan Rus' and Early Russian Literature through the Age of Classicism

GER
3/A

Major literary works of the Kievan period, 968 to 1237: The Primary Chronicle, The Tale of Igor's Campaign.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34000 - 19th Century Russian Literature

GER
3/A

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34100 - Tolstoy and Dostoevsky
Pluralism and Diversity
PD/D
GER
3/A

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers Karamazov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34200 - Modern Russian Literature

Pluralism and Diversity
PD/D
GER
3/A

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34300 - Russian Theater

Pluralism and Diversity
PD/D
GER
3/A

Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34400 - The Silver Age of Russian Literature

Pluralism and Diversity
PD/D
GER
3/A

Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 36000 - Russian Women Writers
Pluralism and Diversity
PD/C
GER
3/A

cross-listed WGSA 36100
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 49100 - Honors Project

Open to Russian majors only. Essay.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 15500 - The Culture of Old Russia

Pluralism and Diversity
PD/D
GER
2/C

Religion, art, architecture and daily life in medieval Russia.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15600 - Culture of Imperial Russia: the Age of Empresses

Hunter Core
Individual and Society - Humanities (I&S H)
Pluralism and Diversity
PD/C
GER
2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.
cross-listed WGSC 15600
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15700 - The Age of the Great Masters

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15800 - Contemporary Russian Culture

Hunter Core
Individual & Society (I&S) Humanities
GER
2/C

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25000 - 19th Century Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I&S) Social Sciences
Pluralism and Diversity
PD/D
GER
2/C

Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)

Hunter Core
Individual and Society Humanities (I&S) H
Pluralism and Diversity
PD/D
GER
3/A

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
RUSS 25200 - Modern Russian Literature in English Translation (W)

Hunter Core
Individual and Society (I&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25300 - Russian Theater in English Translation (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Major writers and movements of the years 1890- 1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25500 - Russian Folklore, in Translation (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
Common Slavic myths and traditions.

*prereq: ENGL 12000
3 hrs
3 cr.*

**RUSS 25600 - Special Topics in Slavic Literatures and Cultures in English Translation**

Pluralism and Diversity

*PD/D
Examples:Writers Behind Bars, Narratives of Adultery
*prereq: ENGL 12000
3 hrs
3 cr.*

**RUSS 25700 - Masterpieces of Russian Literature in English Translation**

Examples: Chekhov's short stories or plays, Nabokov.

*prereq: ENGL 12000
1 hr
1 cr.*

**RUSS 25800 - Masterpieces of Russian Literature in English Translation**

Example: Pasternak's Dr. Zhivago.

*prereq: ENGL 12000
1 hr
1 cr.*

**RUSS 25900 - Masterpieces of Russian Literature in English Translation**

Examples: Solzhenitsyn's Gulag, Pushkin stories, Gogol stories.

*prereq: ENGL 12000
1 hr
1 cr.*

**RUSS 26000 - Russian Women Writers in English Translation (W)**

Hunter Core

I&S H

Pluralism and Diversity

*PD/C
*GER
3/A

cross-listed WGS A 26000 (W)
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 27000 - Russian Cinema and Society (W)

Hunter Core
Individual and Society (Social Science) - I&S SS
GER
2/C

Exploration of how Russian cinema affects the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.
3 hrs
3 cr.

RUSS 27100 - East European Cinema (W)

Pluralism and Diversity
PD/ D

The ways in which East European filmmakers have used the medium of cinema to explore history, culture, politics, and social issues prevalent in their respective societies, starting with the immediate post-World War II period and covering both the Communist era and post-Communist period. By the end of the course students will have acquired critical tools to provide an informed verbal and written analysis of the films and discuss how various aesthetic and ideological approaches to filmmaking inform the cinema practice over time. The course will combine screening of East European films and class discussion of issues raised in these films. All students are expected to complete the assigned readings of chapters in history books and other material prior to each class and print out questionnaires for class discussions posted on the course blackboard after the film screenings. Informed class participation is strongly encouraged and will positively affect your final term grade.
prereq: ENGL 12000. The exams in this course consist of essay writing.
3 hrs.
3 cr.

RUSS 29300 - Folklore in Translation: A Comparative Study

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A

Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in juxtaposition to Russian folklore.
prereq: ENGL 120
3 hrs
3 cr.

RUSS 29400 - Folklore and Literature (W)

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.

**RUSS 29500 - The Vampire in Lore and Literature (W)**

**Hunter Core**
Creative Expression (CE)
**GER**
2/C

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the 21st century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's *Nosferatu*, to Coppola's *Dracula*, to Hardwicke's *Twilight*.

**prereq:** ENGL 22000
3 hrs
3 cr.

**RUSS 29600 - Vladimir Nabokov Between Two Cultures**

**Hunter Core**
Creative Expression (CE)
**GER**
3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.

**prereq:** ENGL 22000 or perm dept.
3 hrs
3 cr.

**RUSS 29700 - The Russian Urban Novel in English Translation (W)**

**Hunter Core**
Individual and Society - Humanities (I&S H)
**GER**
3/A

The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.
prereq: ENGL 22000 or perm dept.
3 hrs
3 cr.

RUSS 37000 - Independent Study in Slavic Literatures and Cultures

prereq: ENGL 120
3 hrs
3 cr.

RUSS 21500 - Translating Culture: Introduction to Theory and Practice of Translation

Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in 20th century. Designed for students interested in translation in any language.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 31700 - Practical Aspects of Translation

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 31800 - Advanced Translation

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation.
prereq: ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 31900 - Business Russian

Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 32000 - Medical Translation and Interpretation

An overview of translation for the medical field and related sciences. The course introduces the students to key terminology, skills, as well as ethics of work in this field.

prereq: RUSS 31700
UKR 30000 - Independent Study in Ukrainian Language and Literature
3 hrs
3 cr.

SCI 20000 - Introduction to Biomedical Research
Designed specifically for students interested in entering the Minority Biomedical Research Support (MBRS) and Minority Access to Research Careers (MARC) programs, although open to all qualified students. Seminars/lectures. Research opportunities with participating faculty in MBRS/MARC programs. Career goals in biomedical and behavioral sciences, instruction in the preparation of literature searches in science, and data collection and analysis. Writing of scientific papers and presentation of oral reports. Visiting scientists will discuss their research. Not credited toward major or minor. Term paper required. May be repeated up to 4 times.
prereq: perm instr. and BIO 10000 or CHEM 10200
2 hrs
1 cr.

SCI 30200 - Ethical Conduct in the Natural and Physical Sciences
GER
3/B
Case studies of ethical issues in scientific research and education, including fraud, misrepresentation and negligence in scientific reporting. Term paper required.
prereq: 2 yrs lab science (BIOL 10000, 10200; CHEM 10200, 10300, 10400, 10500; PHYS 11000, 12000; or equiv.)
prereq or coreq: lab research experience in natural or physical sciences
2 hrs
2 cr.

SOSCI 29700 - Special Topics in the Social Sciences
Not offered at all times. Specific topics will be listed in Schedule of Classes for given semester.
prereq: variable
3 hrs
3 cr.

SOSCI 39700 - Studies in the Social Sciences
Not offered at all times. Specific topics will be listed in Schedule of Classes for given semester.
prereq: variable
3 hrs
3 cr.

SOSCI 49800 - Internship
Placement in appropriate off campus settings on an individual basis.
Variable hrs
1 to 6 cr.
SOC 10100 - Introduction to Sociology

Hunter Core
Individual and Society (Social Sciences) - I&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs
3 cr.

SOC 20100 - The Family

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr.

SOC 20300 - Education

GER
3/B

Education viewed cross-culturally and historically. Schools and colleges as social systems.
prereq: SOC 10100
3 hrs
3 cr.

SOC 20500 - Sociology of Religion

GER
3/B

Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.
prereq: SOC 10100
3 hrs
3 cr.

SOC 20900 - Arts in Modern Society

GER
GER 3/B

Art as a universal social institution and as the expression of symbolic world of cultural life.
SOC 21100 - Urban Sociology

GER
3/B
The relationships of space and society, with special attention to the nature and problems of urban life.

prereq: SOC 10100
3 hrs
3 cr.

SOC 21300 - Political Sociology

GER
3/B
Power, authority, political ideologies, and patterns of participation. Articulation and resolution of political issues in contemporary societies in the context of globalization.

prereq: SOC 10100
3 hrs
3 cr.

SOC 21700 - Race and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B
Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.

prereq: SOC 10100
3 hrs
3 cr.

SOC 21800 - Social Inequality

GER
3/B
Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.

prereq: SOC 10100
3 hrs
3 cr.

SOC 21900 - American Society (W)
GER
3/B

Analysis of social structures and culture of the contemporary USA.
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr.

SOC 22100 - Classical Sociological Theory

Pluralism and Diversity
PD/D
GER
3/B

Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr.

SOC 22300 - Contemporary Sociological Theory (W)

GER
3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.
prereq: SOC 10100, SOC 22100, and ENGL 12000
3 hrs
3 cr.

SOC 22400 - Sociological Theory (W)

This course represents an advanced undergraduate introduction to the central figures and issues in 19th and 20th century sociological theory. The course is writing intensive, and will involve drafting, revising, and submitting three written essays.
3 hrs
3 cr.

SOC 22500 - Seminar in Selected Problems of Sociology

GER
3/B

Lower-level seminar: reading, discussion, and papers on significant problems in sociology.
prereq: SOC 10100
3 hrs
3 cr.

SOC 23100 - Introduction to Social Work Profession
Introduction to and critical analysis of the social work profession in American society.

prereq: SOC 10100
3 hrs
3 cr.

SOC 23500 - Community Organization and Action

Evaluation of specific local and national action programs.

prereq: SOC 10100
3 hrs
3 cr.

SOC 23700 - Social Welfare Policy

Development of welfare institutions. Consequences of welfare services for client and community.

prereq: SOC 10100
3 hrs
3 cr.

SOC 23900 - Child Welfare (W)

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it.

cross-listed WGSP 23900 (W)

prereq: SOC 10100, ENGL 12000
3 hrs
3 cr.

SOC 24000 - Introduction to Research Methods

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.

prereq: SOC 10100
3 hrs
3 cr.

SOC 24100 - Social Statistics
Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.

*prereq: SOC 10100
3 hrs
3 cr.*

**SOC 25100 - Interpersonal Behavior**

Study of interactional processes and the emergence and maintenance of selves and identities.

*prereq: SOC 10100
3 hrs
3 cr.*

**SOC 25300 - Deviance and Social Control**

Theories of causation and analysis of particular types of deviance: sexual, criminal, political.

*prereq: SOC 10100
3 hrs
3 cr.*

**SOC 25700 - Sex and Gender Roles**

Pluralism and Diversity

PD/C

GER 3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.

*cross-listed WGS 25700
prereq: SOC 10100
3 hrs
3 cr.*

**SOC 25900 - Mass Media, Communication and Public Opinion (W)**

Impact of mass media on public opinion and government action.

*prereq: SOC 10100 ENGL 12000
3 hrs
3 cr.*
SOC 30100 - Medical Sociology

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.

prereq: SOC 10100
3 hrs
3 cr.

SOC 30700 - Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.

prereq: SOC 10100
3 hrs
3 cr.

SOC 30900 - Social Movements and Social Change (W)

GER
3/B

Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.

prereq: SOC 10100
3 hrs
3 cr.

SOC 31100 - Population Dynamics

GER
3/B

Comparative analysis of fertility, mortality, migration trends, and related social factors.

prereq: SOC 10100
3 hrs
3 cr.

SOC 31300 - Consumer Behavior

GER
3/B

Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.

prereq: SOC 10100
SOC 31400 - Culture and Consumption

GER

3/B

The structure and patterning of everyday life as concerned with material well-being. Symbolic and moral dimensions of food and living arrangements, as well as commerce and the marketplace. 

prereq: SOC 10100

3 hrs

3 cr.

SOC 31500 - Work and Society (W)

GER

3/B

Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions. 

cross-listed: WGSL 31500 

prereq: SOC 10100

3 hrs

3 cr.

SOC 31700 - Class, Status, and Power

GER

3/B

Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.

prereq: SOC 10100

3 hrs

3 cr.

SOC 31900 - Criminology

GER

3/B

Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.

prereq: SOC 10100

3 hrs

3 cr.

SOC 32000 - Law, Society and Civil Rights
Ger
3/B
Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.

*prereq: SOC 10100
3 hrs
3 cr.*

**SOC 32100 - Sociology of Organizations**

Ger
3/B
Organization, structure, and processes; relationship between individual and organization.

*prereq: SOC 10100
3 hrs
3 cr.*

**SOC 32200 - Drugs and Society**

Ger
3/B
The course focuses on the social, cultural and historical dimensions of drug use, and treats the causes and consequences of drug use and abuse as a social –rather than bio-physical phenomenon. Course topics may include: drug use as a universal phenomenon, regulatory issues related to drugs, especially in relation to race, class and subcultures; and drugs as a media phenomenon.

*prereq: SOC 10100
3 hrs
3 cr.*

**SOC 32500 - Seminar in Selected Problems of Sociology**

Ger
3/B
Upper-level seminar: reading, discussion, and papers on significant problems in sociology.

*prereq: SOC 10100, perm instr.
3 hrs
3 cr.*

**SOC 32502 - Sociology of Human Rights: Violation and Protection**

Ger
3/B

*prereq: SOC 10100, perm instr.
3 hrs
3 cr.*
SOC 32506 - Latin American Societies

GER
3/B

prereq: SOC 10100, perm instr.
3 hrs
3 cr.

SOC 32519 - Economic Development and Social Inequality in Latin America

GER
3/B

prereq: SOC 10100, perm instr.
3 hrs
3 cr.

SOC 32600 - Sociology of Punishment

In this class, we will learn about the social origins of punishment. We will cover classic and modern theories of punishment and retrace the history of the modern penal system.

prereq: SOC 10100
3 hrs
3 cr.

SOC 33000 - Children and Public Policy (W)

GER
3/B

Study of changes in children's lives, including family composition, parental work, child care, and poverty, as well as the day-to-day lives of children living in poverty and immigrant families. The historical evolution of public policies and current policy issues are studied as they relate to children, particularly education, income support, and health policies. International policy comparisons are highlighted

prereq: ENGL 12000
3 hrs
3 cr.

SOC 33100 - Field Placement in Social Work Agencies

GER
3/B

Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper.

prereq: SOC 10100, perm instr.
8 hrs per week
3 cr.

SOC 33200 - Advanced Field Placement in Social Work Agencies
Supervised work in social service agency, weekly seminar, agency-based research project.

prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.
8 hrs per week
3 cr.

SOC 33500 - War and Society

The experience of war in its historical and contemporary significance. This course will examine war as a social phenomenon, emphasizing its impact on the battle front and the home front, on direct participants (combatants) and on those who are affected indirectly (civilians). We will examine the changing forms of warfare with the invention of increasingly destructive weapons; the impact on civilian communities as targets of war; the organization of the military as an institution (including recent debates about the racial and gender integration of the military and the All Volunteer Force).

prereq: SOC 10100
3 hrs
3 cr.

SOC 36100 - Development and Globalization (W)

Pluralism and Diversity
PD/A
GER
3/B

This course will examine the effort of poor countries to achieve economic and social development, and the possible outcomes of that effort. Effects on social relations and the living standards of the poor majority; the purposes of development, the strategies for development that have been adopted, and the theories which attempt to explain why countries do or do not grow economically.

prereq: SOC 10100
3 hrs
3 cr.

SOC 36200 - Sociology of Islam (W)

GER
3/B

Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.

prereq: SOC 10100
3 hrs
3 cr.

SOC 36400 - Globalism and Nationalism
This course covers the emergence, spread, and decline of global cultural identities and practices in individual nation-states. It further explores the origin, character, and vicissitudes of nationalism in the global area.

*prereq: SOC 10100*

3 hrs
3 cr

**SOC 37101 - Independent Study**

GER

3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.

*prereq: SOC 10100, perm instr.*

1 hr
1 cr

**SOC 37102 - Independent Study**

GER

3/B

Completion of written assignment as proposed by student as approved and supervised by full-time faculty sponsor.

*prereq: SOC 10100, perm instr.*

2 hrs
2 cr

**SOC 37103 - Independent Study**

GER

3/B

Completion of written assignment as proposed by student as approved and supervised by full-time faculty sponsor.

*prereq: SOC 10100, perm instr.*

3 hrs
3 cr.

**SOC 37200 - Independent Study**

GER

3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
SOC 42500 - Seminar in Selected Problems of Sociology

GER
3/B

Advanced seminar: reading, discussion, and papers on significant problems in sociology and in applied social research; in most cases cross-listed with graduate social research course or seminar.

prereq: SOC 10100, perm instr.
3 hrs
3 cr

SOC 47000 - Sociology Capstone

SOC 47000 provides a capstone experience in Sociology. Students will build on the skills they learned in theory, methods, and elective courses with a final culminating project in which they will develop a research question, gather data or evidence to answer that question, and produce a final paper based on this research. Topics may vary.

prereq: SOC 24000, SOC 24100, SOC 22400
3 hrs
3 cr

SOC 47100 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department.

prereq: SOC 10100, perm instr.
3 cr. each sem

SOC 47200 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department.

prereq: SOC 10100, perm instr.
3 cr. each sem

SOC 47300 - Honors Seminar

GER
3/B

Honors paper.

prereq: SOC 10100, perm instr.
3 cr. each sem
SOC 49800 - Internship

GER
3/B

Open to advanced majors only. Placement of qualified sociology majors off campus in professional nonsocial service internship settings. Credits are based on analytic internship report, number of hours worked and by written evaluation by agency/company intern supervisor.

prereq: SOC 22100 or 22300 and SOC 24000; major; perm supervising full-time faculty
hrs TBA
3-6 cr.

SOC 20700 - Leisure, Recreation and Sports

GER
3/B

Role and social organization of leisure and recreation in traditional and modern society.

prereq: SOC 10100
3 hrs
3 cr.

SWA 10100 - Swahili I

Introduction to Swahili, pronunciation and elements of grammar.

SWA 101 is usually not credited without completing SWA 102. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

SWA 10200 - Swahili II

Introduction to Swahili, pronunciation and elements of grammar.

Each credit for SWA 10100 is not given until SWA 10200 completed
3 hrs
3 cr.

SWA 20100 - Swahili III

Grammar review, composition oral practice.

prereq: SWA 10200 or demonstrated competence in speaking and writing
3 hrs
3 cr.

SWA 20200 - Swahili IV

Review of morphology and syntax original composition, intensive oral practice.

prereq: SWA 20100 or demonstrated competence as a native speaker
3 hrs
3 cr.
THEA 10100 - Introduction to Theatre

Hunter Core
Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.
3 hrs
3 cr.

THEA 15100 - Introduction to Theatre Production

Lectures and practical backstage work in all aspects of production. Work on studio and major productions required.
5 hrs
2 cr.

THEA 16100 - Acting I: Basic Acting Techniques

For intended majors and non-majors. Exploration of the fundamentals of acting technique through exercises and improvisation.
coreq: .
3 hrs
3 cr.

THEA 21100 - World Theatre I (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
THEA 21300 - World Theatre III (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21400 - Multicultural Perspectives in Theatrical Performance (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of a selected minority theatre tradition in the United States: original roots, development, and influence on the cultural life of the group to be studied and on American culture in general. May be repeated for credit with a different topic.
prereq: THEA 10100
3 hrs
3 cr.

THEA 21500 - Black Theatre (W)

Pluralism and Diversity
PD/B
GER
3/A

Background and development, present practice, and future possibilities of Black theatre in America.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 25100 - Theatre Production

Introduction to the theory and practice of theatrical production. Includes required practical work on departmental productions
prereq: THEA 10100 or perm instr.
5 hrs
3 cr.
THEA 26100 - Acting II: American Realism

GER
3/A

Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism. 
prereq: THEA 16100 or perm instr.
4 hrs
3 cr.

THEA 26200 - Acting III: World Realism

GER
3/A

Continuation of scene study focusing on text analysis, personalization, objective and action using the world realistic repertory, such as the plays of Chekhov, Ibsen and Strindberg.
It is recommended that this course be taken with THEA 26300.
prereq: THEA 26100
4 hrs
3 cr.

THEA 26300 - Basic Voice and Movement for Performers

Linklater-based training including alignment, breath, movement skills, vibrations of sound, freeing the channel for sound, resonance. Integration of body, voice and dramatic text is emphasized.
3 hrs
3 cr.

THEA 28100 - Visual Elements of Theatre

GER
3/A

Introduction to the theory and practice of various design elements and their contribution to theatrical production. Includes practical work on departmental productions.
prereq: THEA 10100
5 hrs
3 cr.

THEA 28200 - Theatrical Design Techniques

GER
3/A

Practical training in skills of drawing, painting, and model-making necessary for designing of scenery, costumes, and lights. Studio design work included. Prerequisite for all advanced design courses.
prereq: THEA 10100

THEA 28300 - Stagecraft
The theory and practice of executing scenery for the stage, including props construction, scenic painting, rigging, and new technologies. Includes required practical work on departmental productions.

prereq: THEA 10100
3 hrs
3 cr.

THEA 28400 - Makeup for the Stage

GER
3/A

Practical instruction in use of stage makeup.

prereq: THEA 10100
5 hrs
3 cr.

THEA 28500 - Design Concepts for Theatre, Film, and Television

GER
3/A

Theoretical and practical elements of design in theatre, film, and television.

prereq: THEA 10100 or FILM 10100
3 hrs
3 cr.

THEA 32100 - Play Analysis (W)

Pluralism and Diversity
PD/D
GER
3/A

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.

prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

THEA 32200 - Theatre Theory and Criticism (W)

Pluralism and Diversity
PD/D
GER
3/A

Major theatrical theories, with emphasis on modern, as applied to acting, design, directing, and playwriting.

prereq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

THEA 32300 - 20th Century Aesthetics in Theatre and Film (W)
Points of interaction, mutual influence, and cross fertilization between theatre and film in theory and praxis.

prereq: THEA 21300 or FILM 21100 or 21200; ENGL 12000
4 hrs
3 cr.

THEA 32400 - Adaptation in Theatre and Film (W)

GER
3/A

Examination of examples of works adapted to the stage or seen from another medium.

prereq: THEA 32100 or FILM 21100 or 21200; ENGL 12000
4 hrs
3 cr.

THEA 33100 - Avant-Garde Theatre of the 20th Century (W)

Pluralism and Diversity
PD/D
GER
3/A

Departures from realism Expressionism, Artaud, Brecht, Grotowski from Alfred Jarry to the present.

prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

THEA 33200 - Theatre of Realism and Naturalism

Pluralism and Diversity
PD/D
GER
3/A

Plays, theory, and stagecraft of realism and naturalism movements from the late 19th century to the present.

prereq or coreq: THEA 21100 or 21200 or 21300
3 hrs
3 cr.

THEA 33300 - Alternative Performance

Pluralism and Diversity
PD/D
GER
3/A

Study of performance styles and practices using theatre and/or film in non-traditional modes.

prereq: THEA 21300 or THEA 32300
THEA 35100 - Theatre Workshop

Individual assignments to backstage positions in production and management of departmental presentations.

prereq: THEA 25200

5 hrs
2 cr.

THEA 36100 - Acting: Non-realism

GER
3/A

Advanced scene study from non-realistic works such as absurdist, expressionistic, and post-modern plays.

prereq: THEA 10100, THEA 26200 or permission from instructor

4 hrs
3 cr.

THEA 36200 - Acting: Period Drama

Pluralism and Diversity
PD/D
GER
3/A

Advanced scene study from classical plays of the Elizabethan, French Neo-Classical, Restoration and ancient Greek periods.

prereq: THEA 21100 or 21200 or 21300; THEA 26200, 26300 or perm instr.
coreq: THEA 36300

4 hrs
3 cr.

THEA 36300 - Advanced Voice and Movement for Performers

GER
3/A

Continuation of training including increased capacity for breath, range, stamina, sound and movement, articulation, various classical text work. Integration of body, voice and dramatic text continues to be emphasized.

prereq: THEA 26300
coreq: THEA 36200

3 hrs
2 cr.

THEA 36400 - Mime and Masks
Practical course in mime and mask exercises for actors, designed to open new avenues for emotional expression.

prereq: THEA 36300
4 hrs
3 cr.

**THEA 36500 - Screen Acting**

Fundamental techniques unique to acting in film and television.

prereq: FILM 10100, THEA 26200
4 hrs
3 cr.

**THEA 37100 - Directing I**

Principles of play production; directorial concepts; focusing audience attention on dramatic values.

prereq: THEA 2100 or 21200 or 21300, THEA 26100, 32100 or perm instr.
5 hrs
3 cr.

**THEA 37200 - Directing II**

Continued study of principles; incorporation of design elements; full laboratory production of one-act play by each student.

prereq: THEA 37100 or perm instr.
5 hrs
3 cr.

**THEA 37600 - Playwriting I (W)**

Study of problems in playwriting based on the student's own work.

prereq: THEA 10100 or perm instr.
3 hrs
3 cr.

**THEA 37700 - Playwriting II**
Continued study of playwriting techniques, with emphasis on the structure and form of the full length play.

**THEA 38100 - Scene Design I**

Continued study of theory and practice of scenic design for the stage. Includes practical work on departmental productions.

**THEA 38200 - Scene Design II**

Continued study of theory and practice of scenic design for the stage. Includes practical work on departmental productions.

**THEA 38300 - Costume Design I**

Theory and practice of costume design for the stage. Includes practical work on departmental productions.

**THEA 38400 - Stage Lighting Design**

Principles, techniques, and practice of lighting for theatre, emphasizing its contribution to dramatic interpretation.

**THEA 38500 - Production Design I for Theatre, Film, and Television**
GER
3/A

Theory and practice in scenic design for theatre, film, and television.
*prereq: THEA 10100 or FILM 10100 and THEA 28500
4 hrs
3 cr.

THEA 38600 - Production Design II for Theatre, Film, and Television

GER
3/A

Theory and practice in costume design for theatre, film, and television.
*prereq: THEA 10100 or FILM 10100 and THEA 28500
4 hrs
3 cr.

THEA 38700 - Concepts of Light in Theatre, Film, and Television

GER
3/A

The aesthetics, styles, conventions, and vocabulary of lighting in theatre, film, and television: how light establishes style, mood, rhythm, and atmosphere as interpretive elements of performance.
*prereq: THEA 28100 or THEA 28500
3 hrs
3 cr.

THEA 38800 - Theatres and Movie Palaces: Contemporary Culture

GER
3/A

Exploration of the architecture and evolution of selected 20th-century theatre and movie palaces.
*prereq: THEA 21300 or FILM 21100
3 hrs
3 cr.

THEA 39100 - Theatre Projects

GER
3/A

Experimental work in design or directing for advanced theatre students.
*prereq or coreq: THEA 37200, 38100, perm chair
3 hrs
3 cr.

THEA 25301 - Special Topics in Theatre Performance
GER 3/A

Credit for participation in the departmental production. This course may be taken up to three times for credit.

prereq: perm instr
5 hrs
3 cr.

THEA 29700 - Special Topics in Theatre

GER 3/A

Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.

prereq: perm dept.
1-3 hrs
1-3 cr.

THEA 39700 - Studies in Theatre

GER 3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester.

prereq: variable
3 hrs
3 cr.

THEA 40100 - Seminar

GER 3/A

Not offered at all times. Readings, discussion, and papers on significant problems in theatre and film.

prereq: perm dept.
3 hrs
3 cr.

THEA 40200 - Independent Research

GER 3/A

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis with a faculty mentor.

prereq: perm chair
1-3 hrs
1-3 cr.

THEA 49800 - Internship
Placement in appropriate off-campus locations, arranged on an individual basis with a faculty mentor.

**THEA 49900 - Honors Project**

Open to majors only. Individual work under faculty supervision, qualifies student for departmental honors at graduation.

**Prerequisite:** 3.5 major GPA, 2.7 overall GPA, perm chair

3 hrs

3 cr.

**THEA 24100 - Creative Dramatics**

**THEA 24200 - Theatre for Young Audiences**

**THEA 24300 - Theatre for Young Audiences: Laboratory**

**THEA 24400 - Drama and Disability**

**THEA 34100 - Creative Drama Leadership Techniques: Special Groups**

**THEA 34200 - Creative Drama in the Community**

**THEA 37800 - Scriptwriting for Young Audiences: Theatre, Film, and Television**
GER
3/A

HONS 20100 - Sophomore Honors Colloquium (W)

Pluralism and Diversity
PD/D
Sample topics: Integrating the Irrational; Dante's World; Language, Learning, and Computation; Law and Literature; The Gothic; Ethics in Public Health. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.
 prereq: perm dept.
3 hrs
3 cr.

HONS 30100 - Upper-Level Honors Colloquium (W)

Pluralism and Diversity
PD/D
Sample topics: Behavior and Evolution; Greek Myth in the Arts; Energy and Environment; Politics of Southern Africa. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.
 prereq: perm dept.
3 hrs
3 cr.

HONS 30199 - Interdisciplinary Independent Study

 prereq: perm honors council
3 hrs
3 cr.

HONS 49100 - Advanced Interdisciplinary Studies

 prereq: perm honors council
6 hrs
6 cr.

URBS 10100 - Urban Life: Personal and Observational View (W)

Hunter Core
Individual & Society - Social Science I&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
3 cr.

URBS 10200 - Structure of Urban Region (W)
Hunter Core
Individual and Society Social Science (I&S SS)
GER
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy.

 prerequisite: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.

3 hrs
3 cr.

URBS 20100 - Urban Plans and Policies

GER
2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making.

 prerequisite: URBS 10200 or 6 cr. intro social science courses or perm instr.

3 hrs
3 cr.

URBS 20300 - Introduction to Arts Management

In this course, we will explore the state of the art communities in the contemporary United States, discover how we arrived at the kinds of organizations in which much art is typically produced today, and learn the basic principles of arts management. We will also take advantage our location in New York City—a world capital for careers in the arts—to learn about arts management from leaders who have built careers at some of the nation's most respected arts and cultural organizations.

 prerequisite: ENGL 12000

3 hrs
3 cr.

URBS 31000 - Methods of Urban Research and Policy Analysis

GER
3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.

 prerequisite: URBS 10200 or perm instr.

3 hrs
3 cr.

URBS 31100 - Quantitative Approaches to Urban Analysis

GER
3/B
A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.

_prereq:_ Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.
3 hrs
3 cr.

**URBS 40100 - Managing Urban Physical Environment**

GER
3/B

Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.

_prereq:_ URBS 20100 or perm instr.
3 hrs
3 cr.

**URBS 40200 - Urban Studies Studio**

GER
3/B

This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.

_prereq:_ URBS 20100 or perm instr.
3 hrs
3 cr.

**URBS 40300 - Selected Topics in Urban Affairs**

GER
3/B

Intensive examination or investigation of specialized topics or new developments in literature and research.
3 hrs
3 cr.

**URBS 40354 - Seminar on the City**

GER
3/B

Provides an historical, political and economic context for the region's major policy issues. The course introduces students to the complexities of New York City's governance and its public service sectors. Students develop a framework and tools for addressing relevant questions about the functions of the city, drawing on lectures, speakers, readings, field visits, interviews and internship experiences.
This is a 3-credit per semester course. May be repeated one time with permission of the director of public service scholar program. Open only to Public Service Scholar studenets.

3 hrs
3 cr.

**URBS 40900 - Urban Studies Internship**

**GER**
3/B

Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.

3 hrs
3 cr.

**URBS 49806 - Public Service Scholar In-Service Seminar**

**GER**
3/B

The Public Service Scholar In-Service seminar identifies and examines the types of learning that occur in the internship, including development of skills in management, problem solving, policy analysis, networking, time management, fundraising and performance evaluation.

This is a year-long course. Students register each semester. No credit awarded for first semester unless both semesters are successfully completed.

6 hrs (3 per semester for two semesters)
6 cr. (3 per semester for two semesters)

**WGS 10000 - Introduction to Gender and Sexuality Studies**

**Hunter Core**
Individual and Society - Social Sciences (I&S SS)
**Pluralism and Diversity**
PD/C
**GER**
2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.

3 hrs
3 cr.

**WGS 20100 - Classics in Feminist Thought (W)**
The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.

prereq: WGS 10000, ENGL 12000 or equiv.
3 hrs
3 cr.

WGS 24400 - Transnational Feminisms

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.

prereq: WGS 10000, ENGL 12000
3 hrs
3 cr.

WGS 31000 - Research Seminar: Feminist Theory and Methodology

Open to Jr/Sr only. Study of the theoretical models that feminist scholars create to guide their work and application of feminist methodology to a research project. To graduate with honors in Women's Studies, majors must enroll in this seminar.

Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar.

prereq: WGS 10000, 20100, at least one other WGS course at 200-level or higher
3 hrs
3 cr.

spring semester

WGS 36000 - Feminist Social Theory

prereq: WGS 10000
3 hrs
3 cr.
An introduction to feminist theory developed by women from Western, Third World and other countries.
cross-listed SOC 36000
prereq: SOC 10100 or perm instr.
3 hrs
3 cr.

**WGST 20900 - Women and Gender in Western Political Thought (W)**

Pluralism and Diversity
PD/C or D
GER
3/B

The history of political thought from the perspective of gender relations and the treatment of women.
cross-listed POLSC 20900
prereq: ENGL 12000 or equiv.
3 hrs
3 cr.

**WGST 23000 - Feminism: Philosophical Theory and Practice (W)**

Pluralism and Diversity
PD/C
GER
3/A

Analysis of feminist theories and their practical implications.
cross-listed PHILO 23000
prereq: ENGL 12000 and one course in philosophy
3 hrs
3 cr.

**WGST 29000 - Special Topics in Feminist Thought and Theory**

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of feminist thought and theory.
prereq: ENGL 12000
3 hrs
3 cr.

**WGST 30900 - Feminist Political Theory**

Pluralism and Diversity
PD/C
GER
3/B
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and global feminists.

cross-listed POLSC 30900
prereq: ENGL 12000
3 hrs
3 cr.

WGS 21600 - Women Philosophers of the Past

Pluralism and Diversity
PD/C
GER
3/A

Study of the writings and ideas of selected women philosophers who lived before the contemporary feminist movement.
cross-listed PHILO 21600
prereq: ENGL 12000, one course in philosophy
3 hrs
3 cr.

WGSS 15000 - Introduction to LGBTQI Studies

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

3 hrs
3 cr.

WGSS 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
prereq: PSYCH 10000
3 hrs
3 cr.

WGSS 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.

cross-listed PSYCH 19000

3 hrs
3 cr.

WGSS 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed SOC 25700
prereq: SOC 10100 or perm instr.
3 hrs
3 cr.

WGSS 26600 - Our Bodies, Our Politics

Pluralism and Diversity
PD/C
Sex and sexuality are commonly understood as an innate drive, but as science has recently begun to show, the way we experience sexuality is better understood as a series of connected cultural practices. It is the constructed meaning attached to the act of sex that make up the foundation of our sexuality. This meaning changes across cultures and communities and has historically been a subject of political and legal struggle. From the battle for reproductive rights to laws limiting dildo ownership in Texas, our own bodies and the way we experience them are legislated and controlled.

prereq: ENGL 12000
3 hrs
3 cr.

WGSS 28700 - Masculinities

Pluralism and Diversity
P/D C
GER
3/B

The aim of this course is for students to develop an understanding of how knowledge about masculinities changes the way we see most areas of scholarship and daily life. This course engages scholarship on masculinities from the interdisciplinary study of sex and gender systems drawing on feminist literature; we will also study a variety of present day men's movements and understand how they relate to feminist movements.

prereq: ENGL 12000

WGSS 29000 - Special Topics in Sexualities
Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
WGSS 29000: This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and sexuality.

prereq: ENGL 12000
3 hrs
3 cr.

WGSS 29012 - Gender in Modern Jewish History

This course will explore how Jews over the past several centuries have understood, performed, and changed ideas related to gender, sexuality, and the family.
cross-listed HIST 25022
3 hrs.
3 cr.

WGSS 29300 - Bathroom Politics

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
P&D C
In this course, we will study bathrooms in relation to a body of state policies mandating segregated public facilities and spaces, primarily around sex and race. We will examine the anxiety, fear of contamination, and threat of violence in such spaces as it is translated into public policy through regulations including municipal building codes, civil rights legislation, and court cases.

prereq: ENGL 12000
3 hrs
3 cr.

WGSS 35100 - Gender, Science, and Technology

Pluralism and Diversity
PD/C
Explores the complex relationship among gender, science, and technology.
cross-listed (Cross-listed with NURS 35100.)
prereq: ENGL 12000, at least one science course at the 100 level
3 hrs
3 cr.

WGSS 38700 - Queer Theory

Pluralism and Diversity
PD/C
GER
3/B

Examination of recent contemporary queer theory and politics in the United States, with particular attention paid to its
intersections with feminism, critical race theory, class analysis and religion. Course time will also be dedicated to learning to write effectively about political theory.

prereq: WGS 10000
3 hrs
3 cr.

WGS 12100 - Public Speaking in Gender Studies

Hunter Core
Individual & Society Social Science (I&S SS)
Pluralism and Diversity
P&D C
This course is designed to cultivate and improve students' public speaking skills, for use in the classroom and in broader public spheres. To do so, we will engage with materials in critical identity studies (primarily on class, race, gender, and sexuality), which generate complex debates and afford fruitful opportunities to refine oratory skills.

3 hrs
3 cr.

WGSP 21900 - Women and the Law

WGSP 22300 - Sociology of the Family

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed SOC 20100
prereq: SOC 10100
3 hrs
3 cr.

WGSP 23500 - The Psychology of Women (W)

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
cross-listed PSYCH 23500
prereq: 6 cr. in PSYCH courses
3 hrs
3 cr.

WGSP 23900 - Child Welfare (W)
GER
3/B

Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it.
cross-listed SOC 23900
prereq: ENGL 12000, SOC 10100
3 hrs
3 cr.

WGSP 25100 - Women and Health

Pluralism and Diversity
PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.
cross-listed HED 20100
3 hrs
3 cr.

WGSP 26100 - Women and Politics (W)

Pluralism and Diversity
PD/C
GER
3/B

Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
cross-listed POLSC 21800
prereq: ENGL 12000
3 hrs
3 cr.

WGSP 26200 - Women, War and Peace (W)

Pluralism and Diversity
PD/C
GER
3/B

Roles that women have played as subjects and objects in war and peace.
cross-listed POLSC 28000
prereq: ENGL 12000
3 hrs
3 cr.

WGSP 29000 - Special Topics in Gender and Public Policy

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of gender and public
prereq: ENGL 12000
3 hrs
3 cr.

**WGSP 39800 - Community Leadership Seminar (W)**

**Pluralism and Diversity**
P/D C
By exposing students to scholars, advocates, organizers, service providers and activists involved in welfare policy and anti-poverty work, the course critically engages the social welfare system and its impact on women, people of color, queer people, and the poor. The seminar develops the required skills for leaders, trainers and community organizers.
prereq: ENGL 12000
3 hrs
3 cr.

**WGSP 49000 - Leadership Field Work Internship**

Internship for students who have completed the Community Leadership seminar. Provides instruction and practical field experience to develop competency in a range of community organizing activities, building on the knowledge and skills developed in WGSP 39800.
This course is not a substitute for WGS 31000, but can be a substitute for WGS 32000 with approval from adviser.
prereq: WGS 39800
hrs TBA
1-6 cr.

**WGSL 20017 - Globalization and Gender**

Globalization has been the subject of intense debate within both academic and journalistic spheres. These debates have questioned whether globalization 'works for the greater good or not.' In this course we will examine globalization critically by looking at some of the academic debates. We will examine the claim that globalization has heralded the end of the nation-state, review the implications of globalization on gender and sexuality, and consider the formation of a 'global middle class.'

prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr.

**WGSL 29000 - Special Topics in Labor, Migration, and Globalization**

**Hunter Core**
Individual and Society Social Science (I&S SS)

**Pluralism and Diversity**
P/D/C
This is a collection of special topics courses in Women and Gender Studies focused on the study of labor, migration, and globalization.

prereq: ENGL 12000
3 hrs
3 cr.
WGSL 30600 - Gender and Migration

Pluralism and Diversity
PD/B
GER
3/B

This course will explore the multiple intersections between gender and migration. We will study how patterns of migration are fundamentally gendered, how migration affects men and women differently, and how migration policies in sending and destination countries can have gendered outcomes.

prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr.

WGSL 31500 - Work and Society (W)

GER
3/B

Work in market economies, mechanisms of control and sources of stratification, gender and ethnic factors, role of education and trade unions.
cross-listed SOC 31500
prereq: SOC 10100
3 hrs
3 cr.

WGSL 32100 - Women and Globalization

GER
3/B

The situation of women from less developed countries with attention to the local and global forces shaping their lives. Topics include migration, the international division of labor, and worldwide adoption. Includes both theoretical approaches and practical issues related to improving women's place in society.
cross-listed ANTHC 32100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

WGSL 34500 - Women and Men in the Labor Market

Pluralism and Diversity
PD/C
GER
3/B

Demand for labor, determination of wages and allocation of time between paid and unpaid activities, 'human capital' investments, labor market policy issues.
cross-listed ECO 34500
prereq: ECO 20000
WGS 20005 - Dominican and Haitian Literature and Culture

3 hrs
3 cr.

WGS 21100 - Women in the 3rd World

Study of the historical, political, social, and economical status of women in the developing world.

3 hrs
3 cr.

WGSC 15600 - Culture of Imperial Russia: The Age of Empresses

Pluralism and Diversity
PD/C
GER
2/C

Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.

cross-listed RUSS 15600
prereq: ENGL 12000
3 hrs
3 cr.

WGSC 29000 - Special Topics in Women and Gender Across Cultures

Hunter Core
Individual and Society Social Science (I&S SS)

Pluralism and Diversity
PD/C

This is a collection of special topics courses in Women and Gender Studies focused on the study of women and gender across cultures.

prereq: ENGL 12000
3 hrs
3 cr.

WGSC 30100 - Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.

cross-listed ANTHC 30100
WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Prerequisites: ANTHC 10100 or perm instr.

3 hrs
3 cr.

WGSC 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity

PD/C or D

GER

3/A

Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.

Cross-listed: CLA 30500

Prerequisites: ENGL 12000

3 hrs
3 cr.

WGSC 31800 - Women in Africa (W)

Pluralism and Diversity

GER 3/B PD/A or C

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.

Cross-listed: AFPRL 31800(W)

Prerequisites: AFPRL 20200 or AFPRL 22200 or perm instr.

3 hrs
3 cr.

WGSC 32900 - Women in the African Diaspora (W)

Pluralism and Diversity

PD/B or C

GER

3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.

Cross-listed: AFPRL 31900 (W)

Prerequisites: AFPRL 20400, 20900 or 21000 or perm instr.

3 hrs
3 cr.

WGS 25800 - Topics in Literature by Women (W)

Pluralism and Diversity

PD/C

GER

3/A

Selected works by women written in English will be studied with an emphasis on the diversity of women's lives and the effect of gender on experience.

May be repeated once for credit with a different topic. Cross-listed: ENGL 25800
WGS 33600 - African-American Women Writers (W)

Pluralism and Diversity
PD/B or C
GER
3/A

African-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction, and children's books.

cross-listed AFPRL 33600

prereq: AFPRL 23600 or perm instr.
3 hrs
3 cr.

WGSA 22252 - Topics in Genre Studies: The Woman's Film of the 1940s

Pluralism and Diversity
PD/C
GER
3/A

Discussion of the women's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.

Depending on topic, will satisfy a GER category.
cross-listed FILM 22252

prereq: FILM 10100
4 hrs
3 cr.

WGSA 25000 - Women and Music (W)

Pluralism and Diversity
PD/C
GER
3/A

An ethnomusicological study of women and music in cross-cultural perspective.
cross-listed MUSHL 25000

prereq: ENGL 12000 and one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, WGS 10000 or perm instr.
3 hrs
3 cr.

WGSA 26000 - Russian Women Writers in English Translation (W)

Pluralism and Diversity
PD/C
GER
3/A

cross-listed RUSS 26000
prereq: ENGL 22000
3 hrs
3 cr.

WGSA 26900 - Spanish American Women's Literature and Cinema (W)

Pluralism and Diversity
PD/A or C
GER
3/A

Conducted in English. An interdisciplinary approach to contemporary women's literature and cinema from Spanish America focusing on gender issues.
cross-listed SPAN 26900
prereq: ENGL 12000
3 hrs
3 cr.

WGSA 29000 - Special Topics in Gender, Literature and the Arts

Hunter Core
Individual and Society Social Science (I&S SS)
Pluralism and Diversity
PD/C

This is a collection of special topics courses in Women and Gender Studies focused on the study of gender, literature, and the arts.

prereq: ENGL 12000
3 hrs
3 cr.

WGSA 31900 - Advanced Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Selected works by women in relation to a special theme, technique, genre, theoretical issue or cultural consideration. May be repeated once for credit with a different topic.
cross-listed ENGL 31900
prereq: ENGL 22000
3 hrs
3 cr.

WGSA 33700 - Caribbean Women Writers (W)
GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, colonialization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.

cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr.

WGSA 36100 - Russian Women Writers

Pluralism and Diversity
PD/C
GER
3/A


cross-listed RUSS 36000
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

WGSA 38400 - Women and Media (W)

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.

cross-listed MEDIA 38400
prereq: MEDIA 18000
3 hrs
3 cr.

WGS 200XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
PD/A or B or C or D (see department)

Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalism Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings. Depending on topic, course may satisfy a GER category or pluralism & diversity requirement, for further detail see department.
3 hrs
3 cr.
WGS 300XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings.
Depending on topic, course may satisfy a GER category.
3 hrs
3 cr.

WGS 400XX - Special Topics in Women and Gender Studies

Pluralism and Diversity
see department for GER or PD requirement as it will vary by topic course.
Such topics as: Lesbian Texts; Contemporary African Women Writers; African Women: Development and Politics and others. Body Politics; Sexuality and Reproduction; Language, Sex, and Gender; Women in Higher Education; Asian-American Women; Globalizing Women; and Gender and Development. These courses can be used towards fulfilling the rest of the major or minor once required core courses are taken. Check with programs for current offerings.
Depending on topic, course may satisfy a GER category.
3 hrs
3 cr.

WGS 22100 - Women in the Islamic World

Overview of the role of gender in Islam.
3 hrs
3 cr.

WGSP 32000 - Internship Seminar: Feminist Activism and Advocacy

Open to Jr/Sr only. Practical experience in one of a variety of agencies and organizations related to the needs or concerns of women. Weekly seminar devoted to discussion of feminist activism and advocacy.

Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar.

prereq: WGS 10000 and 20100 and at least one other WGS course at the 200 level or higher.
7-10 hrs
3-4 cr.
spring semester

WGSI 29800 - Internship

Independent Study (WGS 29800 or 39300) may be applied only once toward the major.
prereq: perm program director
hrs TBA
1-6 cr.

WGSI 39300 - Independent Research
Independent research guided by a faculty member on a subject of student's choice in the field of Women and Gender Studies.

Note: Independent Study (WGS 29800 or 39300) may be applied only once toward the major.

**prereq:** perm. program director

3 hrs

3 cr.

**YOR 10100 - Yoruba I**

Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria.

Each credit for YOR 10100 is not given until YOR 10200 is completed

3 hrs

3 cr. each

**YOR 10200 - Yoruba II**

Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria.

Each credit for YOR 10100 is not given until YOR 10200 is completed

3 hrs

3 cr. each

**YOR 20100 - Yoruba III**

Writing and reading of Yoruba language, including study of grammar and syntax.

**prereq:** YOR 10200 or demonstrated competence in speaking and writing

3 hrs

3 cr.

**YOR 20200 - Yoruba IV**

Intensive writing and reading of Yoruba language and continuation of study of grammar and syntax.

**prereq:** YOR 20100 or demonstrated competence as a native speaker

3 hrs

3 cr.

**SW 20100 - Introduction to Social Work**

Introduces the beginning student to the philosophy, mission and challenges of social work. It provides a broad overview of the history, values, ethics, knowledge base, as well as populations we work with, and some of the practice methods and interventions we use to ameliorate problems.

Course was formerly named SOC 23100

**prereq:** ENGL 12000; SOC 10100 or PSYCH 10000

3 hrs

3 cr.

**SW 31000 - Social Work Practice and Learning LAB I**

Social Work Practice Lab (PL) I, is the first part of a two-semester foundation course that introduces the BSW student to professional social work practice with individuals, families, groups, organizations and communities.

**prereq:** SW 20100 Introduction to Social Work
**coreq: SW 33000 Human Behavior and the Social Environment I ; SW 32000 Social Work Policy I**

3 hrs.

3 cr.

fall only

**SW 31100 - Social Work Practice and Learning LAB II**

Social Work Practice Lab (PL) II, is the second part of a two-semester foundation course and builds on the foundational issues and generalist practice approach in Social Work Practice Lab I.

**prereq:** SW 21000, SW 32000, SW 33000, SW 31000

3 hrs.

3 cr.

spring only

**SW 32000 - Introduction to Social Welfare Policy & Services**

Provides students with orienting knowledge and skills needed to examine social welfare policies and to understand their relevance to social service delivery and practice.

**prereq:** SW 20100

**coreq:** SW 31000, SW 33000

3 hrs.

3 cr.

fall only

**SW 33000 - Human Behavior in the Social Environment I**

Provides a foundation for students to make conceptual linkages between multiple formulations of the person-environment configuration in understanding the complexities of human behavior, while paying specific attention to both social diversity and human development.

**prereq:** SW 20100

**coreq:** SW 31000, SW 32000

3 hrs.

3 cr.

fall only

**SW 33100 - Human Behavior in the Social Environment II**

Continuation of the two-semester course (SW 33000/33100). It builds on a foundation of knowledge on "human behavior in the social environment" for social work practice with individuals, families, groups, organizations and communities.

**prereq:** SW 20100, SW 33000

**coreq:** SW 34000

3 hrs.

3 cr.

**SW 34000 - Social Work Policy in Child Welfare**
This course is designed to help students understand the current and historical context of child welfare policies and programs in New York and the United States; the major issues in child welfare; policy frameworks; and services and practices in the child welfare arena.

prereq: SW 20100, SW 31000, SW 32000
coreq: SW 31100, SW 33100
3 hrs.
3 cr.
spring only

SW 35000 - Social Work Policy II in Care Coordination

An overview of health care and care coordination systems and policies, with a specific focus on the role of social workers in implementing care coordination services to aging, health and mental health clients.

prereq: SW 20100, SW 31000, SW 33000
coreq: SW 31100, SW 33100
prereq or coreq: SW 32000
3 hrs.
3 cr.
spring only

SW 36000 - Introduction to Community Organizing

The purpose of this course is to provide an introduction the theory and practice of community organizing. It will explore the diverse roles, goals and strategies used by community organizers to affect social change from a Human Rights perspective. Models of community organizing include mass mobilization, social action, grass roots empowerment, leadership development and advocacy. Special attention will be paid to issues of gender, class, race, ethnicity and sexual orientation. The pedagogy requires a 20 hour volunteer field experience in a community-based organization.

3 hrs
3 cr.

SW 37000 - Community Organizing Internship and Field Seminar

This is a one semester, 100 hour supervised Field Internship and a bi-weekly Community Organizing seminar. The purpose of the Internship is to develop skills and apply theory and concepts obtained in the Introduction to Community Organizing course (SW 360). Students choose their organization from a vetted list of community-based organizations provided by the Instructor. They negotiate the hours with the supervisor and approved by the Course Instructor. Among the acquired skills identified are: Organizing and Planning, Interpersonal, Analytical, Administrative and Tactics and Strategies. During the seminar, students have the opportunity to develop group facilitation and leadership skills, personal self-reflection and professional values and ethics using a social justice and human rights lens.

prereq or coreq: SW 36000
3 hrs
3 cr.

SW 41000 - Social Work Practice in Child Welfare I

Social Work Practice in Child Welfare I is designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to
Interventions and Services in child welfare.

**prereq:** SW 20100, 31000, 31100, 33000, 33100, 32000, 34000
**coreq:** SW 43000, 45000
3 hrs  
3 cr.  
fall only

**SW 41100 - Social Work Practice in Child Welfare II**

The 2nd semester of a year long practice course designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.

**prereq:** SW 20100, 31000, 31100, 33000, 33100, 32000, 34000, 41000
**coreq:** SW 43100, 45100
3 hrs  
3 cr.  
*spring only*

**SW 42000 - Social Work Practice in Care Coordination I**

The first part of a two semester practice course. It is designed to help students apply the major psychological and sociological theories about illness, disease, policy frameworks, and evidence informed practices to care for older adults, the mentally ill and persons with chronic health issues.

**prereq:** SW 20100, 31000, 31100, 33000, 33100, 32000, 35000
**coreq:** SW 43000, 45000
fall only

**SW 42100 - Social Work Practice in Care Coordination II**

The second half of a two-semester practice course on Care Coordination. It deepens knowledge and skills of students learning how to apply psychological and sociological theories about illness, disease, policy frameworks, and evidence informed practice to care for older adults, mentally ill, and persons with chronic health issues.

**prereq:** SW 20100, 31000, 31100, 33000, 33100, 32000, 35000, 42000
**coreq:** SW 43100, 45100
3 hrs  
3 cr.  
*spring only*

**SW 43000 - Integrative Seminar I**

This is the first part of a two-semester Integrative Seminar taken in conjunction with field placements. Students are taught how to use assessment, planning, intervention and evaluation paradigms to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

**prereq:** SW 20100, 31000, 31100, 33000, 31100, 32000; 34000 -or- 35000  
**coreq:** SW 41000 -or- 42000; SW 45000  
3 hrs
SW 43100 - Integrative Seminar II

This is the second semester skills building Integrative Seminar taken in conjunction with field placements. The assessment, planning, intervention and evaluation paradigms are used to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 35000 -or- 34000; 43000, 45000
coreq: SW 41100 -or- 42100; 45100
3 hrs
3 cr.

SW 44000 - Social Work Research

An introduction to basic research methods within the context of social work practice.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 34000 -or- 35000
3 hrs
3 cr.

SW 45000 - Social Work Field Instruction I

Field Work and Field Instruction is a 14 hour per week formal internship. It connects social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

prereq: SW 31000, 31100, 32000, 34000, or SW 35000, 33000, 33100
coreq: Social Work Practice in Child Welfare I, SW 41000 or Social Work Practice in Care Coordination I, SW 420, Social Work Research, SW 44000, Integrative Field Seminar I, SW 43000
3 hrs
3 cr.

SW 45100 - Social Work Field Instruction II

This is the second semester of the year-long, 14 hour per week, course in Field work and Field Instruction that integrates social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

prereq: SW 45000
coreq: SW 41100 or SW 42100, SW 43100
3 hrs
3 cr.

SW 46000 - Advanced Community Organizing Theory & Practice

The purpose of this course is to deepen the knowledge and skills of students in the theory and practice of community organizing with an emphasis on critical thinking and reflection. It builds upon and extends the framework and basic
concepts of the "Introduction to Community Organizing" course SW 36000. The course provides an overview of historical and contemporary community organizing practices in the United States, and analyzes power and oppression in social movements with special attention to the impact of structural discrimination on low income communities and communities of color. It also includes skills in community-based participatory action research and collaboration.

*prereq: SW 36000
*prereq or coreq: SW 37000
3 hrs
3 cr.

**GEOL 21100 - Field Geology of New York City and Vicinity**

**GER**
3/B

Provides you with the essential information about the geology of New York City, plate tectonics, and the philosophy and the practice of geological field work. Students will learn how to use basic field equipment and geologic and topographic maps. The first part of the course consists of field trips using public transportation to the main geologic formations of the New York metropolitan where students examine and identify rocks *in situ* and *non in situ*. Basic procedures of geologic field research are taught and students learn to identify, measure, and describe rocks, geologic structures and textures. The second part of the course will be in the laboratory to study the field material, plot information on topographic maps, correlate information and create basic geologic maps, basic geologic profiles and the synthetic geologic column of the NYC Metropolitan area.

*prereq or coreq: Prereq: GEOL 10100 or 10200

**HMBIO 40100 - Human Biology Senior Capstone**

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points.

*prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director.
3 hrs
3 cr.

**HMBIO 40200 - Independent Study**

Research project directed by a Human Biology Program participating faculty member.

*prereq: Permission of the Human Biology Program Director. Human Biology majors only.
1 - 3 hrs
1 - 3 cr.

**HMBIO 40300 - Internship**

Opportunity to participate in an internship in institutions related to the Human Biology major.

*prereq: Permission of the Human Biology Program Director. Human Biology majors only.
1 - 3 hrs
1 - 3 cr.

**PH 15000 - Introduction to the Health Care System**

A survey of the organization of the United States health care system, the perspectives of consumers, providers and organizers. Various health professions will be examined as well as the major health concerns that exist today.
**PH 15200 - Bodies Using Bodies**

**GER**

2/B

This course addresses the medical, technical, organizational, and ethical issues that arise when human beings make use of the bodies, organs, tissues, or cells of other people to enhance their own well-being. The course takes a cross-disciplinary approach to contemporary issues in the health sector that involve the use of human bodies for the benefit of others. It is aimed at pre-majors or students interested in issues in the area of society and health.

**PH 20000 - Controversial Issues in Health and Health Care**

Contemporary health controversies examined through the disciplines of community and public health and health care.

**PH 20400 - AIDS and Society**

The HIV/AIDS pandemic examined from a variety of perspectives: epidemiology, sociology, and media.

**PH 30100 - Introduction to Community and Public Health**

An introduction to the study of structural inequalities that contribute to health disparities with an emphasis on communities – geographic, identity-based, or virtual, as the focus for research and intervention.

Minimum GPA to enroll - 2.75

**PH 30200 - Health Program Planning and Evaluation**

Addresses process of program planning, development, and evaluation of health promotion programs. Focus is on development of clear, concise objectives leading to design and evaluation of effective primary, secondary, and tertiary prevention strategies.

**PH 30300 - Mental Health**

An introduction to mental health, with a focus on understanding and addressing mental health issues in various populations.

Minimum GPA to enroll - 2.75

**PH 30500 - Health and Human Rights**

Examines the ethical and social implications of health care, focusing on issues related to human rights in the context of health and illness.

Minimum GPA to enroll - 2.75
PH 30300 - Social Structure and Health (W)

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.

*prereq: acceptance to the PH major, or permission of the instructor*

3 hrs

3 cr.

PH 30400 - Health Communication Practice

An introduction to the field of health communication with an emphasis on key technological advances and use of new media (internet and other digital media, social media, mobile technology, etc.) to communicate about health issues as part of public health interventions. It also provides students with practical skills in creating media for health promotion initiatives.

*prereq: PH 30200*

3 hrs.

3 cr.

PH 30600 - Social Disparities in Health

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.

*prereq: PH 30100*

3 hrs

3 cr.

PH 32100 - Addictions and Dependencies

Recent research on alcohol, narcotics and other chemical dependencies. Strategies for intervention, prevention, and treatment, with emphasis on role of health education.

*prereq: PH 30100*

3 hrs

3 cr.

PH 32200 - Maternal and Child Health

Social, behavioral, and medical factors involved in contraception counseling, abortion and sterilization, prenatal care, childbirth, child health, parenting, and prevention of family violence. Effect of public, social welfare, and public health policy on mothers and children.

*prereq: PH 30100*

3 hrs

3 cr.

PH 32300 - Health and Aging

Demography, epidemiology, and sociology of aging. Public health policy and recent legislation affecting seniors and older adults in the U.S. and globally.

*prereq: none*
PH 32400 - Human Sexuality

Study of interaction of social, affective, and behavioral dimensions of sexuality, including gender identity, with a particular focus on the way sexuality shapes community health.

prereq: PH 30100

PH 32500 - Environmental Public Health

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.

Minimum GPA to enroll - 2.75

prereq: Any intro Statistic course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 101, or equivalent.

PH 32600 - HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers

Interdisciplinary perspective on the impact of the HIV epidemic on the biological, psychological and social dimensions of people affected by HIV/AIDS.

prereq: none

PH 32800 - Public Health Biology

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.

Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100, or equivalent.

PH 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.

Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.
3 hrs
3 cr.

**PH 40000 - Topics in Community Health and Public Health**

Content varies from semester to semester to address changing needs of profession.

*prereq: PH 30100
3 hrs
3 cr.*

**PH 40500 - Health Care Systems and Health Policy**

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the health care field.

*prereq: PH 30100
3 hrs
3 cr.*

**PH 40800 - Digital Media and Health**

An introduction to key technological advances and current use of new media (Internet and other digital media, mobile technology, etc.) to communicate about health issues as part of broad community based public health and health communication interventions. It also provides students with practical skills in creating media for health promotion.

*prereq: Acceptance to the PH major or permission of the instructor
3 hrs
3 cr.*

**PH 41100 - Community Health Assessment**

Introduction to assessing health needs of communities and populations, in preparation for fieldwork.

*prereq: PH 33000
3 hrs
3 cr.*

**PH 41200 - Directed Fieldwork Practicum**

200 hours summer internship to gain experience in community health setting, culminating in production of e-portfolio.

*prereq: PH 41100
3 hrs
3 cr.*

**PH 41300 - Research Symposium**

Overview of quantitative and qualitative research methods and issues in study design and analysis.

*prereq or coreq: PH 41200
3 hrs
3 cr.*
PH 41500 - Grant Writing in Public Health

Capstone course that synthesizes theory and methods of health promotion program planning: needs assessment, planning, implementation, and evaluation; and integrates these into a grant writing project.

prereq: PH 30400, PH 41100
prereq or coreq: PH 41300
3 hrs.
3 cr.

PH 48001 - Independent Study

Total credits in independent study courses and honors may not exceed 6.

prereq: PH 30100
hrs TBA
1-3 cr. respectively

PH 48002 - Independent Study

Total credits in independent study courses and honors may not exceed 6.

prereq: PH 30100
hrs TBA
1-3 cr. respectively

PH 48003 - Independent Study

Total credits in independent study courses and honors may not exceed 6.

prereq: PH 30100
hrs TBA
1-3 cr. respectively

PH 49000 - Honors

Total credits in independent study courses and honors may not exceed 6.

prereq: PH 30100
hrs TBA
3 cr.

CHEM 29000 - Introduction to Research

CHEM 29000 is a 1-credit course designed to expose undergraduate students to the multiple facets of laboratory research available at Hunter College. This is not a laboratory research course. The semester will consist of a combination of research seminars presented by the research-active faculty at Hunter College and a discussion of a variety of research-based topics including ethics, safety and record keeping. Students will also work on a team project to develop a scientific problem that can be addressed using cutting edge technology such as 3D printing and scanning.

prereq or coreq: Department Consent Required
1 hr.
1 cr.

GTECH 33100 - Spatial Data Science 1
This practical hands-on course will introduce you to some of the main programming concepts and techniques relevant to computational methods of Spatial Data Science. The Course starts with the basics of algorithms, and work through examples of reading and writing pseudocode for some general, mathematical, and spatial operations. We will then dive into the nuts and bolts of Python as a first language and learn how to translate some basic operations into running code, in the context of representing and processing geospatial data. The class will also review some of the most commonly-used open- and closed-source Python libraries for spatial programming.

**prereq or coreq:** GTECH 20100

4

3

**GTECH 38400 - WebGIS**

This course introduces the principles and practical knowledge of WebGIS and GeoWeb Services in a hands-on fashion. Students will learn to use open source software to provide basic GeoWeb Services. The web programming language of JavaScript will also be introduced in detail to develop simple WebGIS with the option of using GeoWeb Services.

**prereq or coreq:** GTECH 20100 Introduction to Geographic Information Science

3

4

**HIST 11300 - 20th-Century World History**

An introduction to broad trends and major themes of the world's history in the twentieth century.

**prereq or coreq:** ENGL 12000

3 hrs.

3 cr.

**HIST 25015 - Rabbis, Radicals, and Racketeers: A History of Jewish New York**

This course will survey the history of New York City by focusing its Jewish inhabitants.

**cross-listed JS 35009**

3 hrs.

3 cr.

**HIST 25022 - Gender in Modern Jewish History**

This course will explore how Jews over the past several centuries have understood, performed, and changed ideas related to gender, sexuality, and the family.

3 hrs.

3 cr.

**HIST 26100 - History of Modern India and South Asia, 1526-the present**

An introduction to the history of South Asia (India, Pakistan, Bangladesh, etc.) from 1526 to the present.

**prereq or coreq:** ENGL 12000

3 hrs.

3 cr.

**JPN 20400 - INTERMEDIATE SPECIAL TOPICS IN JAPANESE LANGUAGE**

Building on the foundational knowledge of the grammar and writing taught in JPN 10100 and 10200, this course will help students develop their four language skills in more depth, through areas such as Japanese conversation and
Japanese pronunciation (speaking), Chinese Characters (reading and writing), Composition (Writing) and media (listening).
prereq or coreq: JPN 10200
3 hrs.
3 cr.

JS 35002 - Sociology of Jewish Humor

In this course participants are tasked with the dual challenge of defining and dissecting Jewish humor, and learning how the sociological study of Jewish humor intersects with matters of religious belief, culture, and gender.
cross-listed SOC 3251Y
3 hrs.
3 cr.


This course will survey the history of New York City by focusing its Jewish inhabitants.
cross-listed HIST 25015
3 hrs.
3 cr.

MEDP 39800 - Advanced Topics in Media Production

This course will cover specialized advanced topics in Media Production, including film and video production, emerging media, and journalism. May be repeated under a different topic.
prereq or coreq: one 200- or 300- level MEDP course.
4 hrs.
3 cr.

MEDPL 35100 - Strategic Communication and Marketing for the Arts

This course teaches the theory and practice of effective strategic communications and marketing for arts organizations, films and art and media businesses. Students learn techniques for formal and creative industry-leading techniques for maximizing exposure for a cause or brand through public relations, social media and digital media storytelling tools. The course will allow students to select an organization or film project around which they use cutting-edge tools and best practices to develop long-term media strategy, breaking news, crisis communications and brand elevation.
prereq or coreq: MEDIA 18000 or enrollment in Arts Management and Leadership Certificate program
3 hrs.
3 cr.

MUSHL 26132 - Contemporary Jewish Music in Diaspora

The purpose of this course is to explore contemporary Jewish music as an expression of diaspora identity.
3 hrs.
3 cr.

POLSC 25800 - Politics of Climate Change

An examination of the political responses to global warming in a variety of industrialized and other countries, such as the United States, Germany, China, and India, and in international institutions. Students explore a variety of policies, such as carbon pricing, renewable energy, energy efficiency, transportation, and land use policies, as well as the impact
of socioeconomic structures, political institutions, and political processes on policy adoption.

**prereq or coreq: ENGL 12000**

3

3

**SOC 3251Y - Sociology of Jewish**

In this course participants are tasked with the dual challenge of defining and dissecting Jewish humor, and learning how the sociological study of Jewish humor intersects with matters of religious belief, culture, and gender.

*cross-listed JS 35002*

3 hrs.

3 cr.

**THEA 39000 - Costume, Fashion, and Cultural Studies**

This course enables students to understand fashion and costume (clothes worn by people) using the lens of cultural studies. The course will take students on a journey of non-Western clothing alongside Euro-Western clothing and under major critical movements and concepts such as cultural studies, Orientalism, post-coloniality, subalternity, pan-Africanism, feminism and gender, material culture, thing theory, visual dramaturgy, to reveal how clothes and costumes are shaped by such forces. Readings in theatre and performance, anthropology, sociology, film and media, history (and microhistories such as fashion history and theatre history) and other areas will help students develop an understanding of the global aesthetics of the body on stage, on screen and on the street.

**prereq or coreq: ENGL 12000**

3 hrs.

3 cr.

---

**School of Arts and Sciences**

**School of Arts and Sciences**

**About the School of Arts and Sciences**

Hunter College's School of Arts and Sciences provides students with opportunities to pursue undergraduate and graduate degrees in the arts, humanities, social sciences, and natural sciences. In the classroom, the laboratory, or the studio, students work with accomplished faculty members who have gained recognition for their cutting-edge research, their creative activity, and their dedication to the city. An increasing number of undergraduates in the arts and sciences undertake their own research under faculty supervision. Besides stimulating and challenging courses, the School encourages students to study abroad, participate in internship programs, and more. Advising resources (including pre-professional advising in business, health, and law) help students plan and prepare for their careers after graduation.

As the largest academic unit within Hunter College, the School consists of more than 450 full-time faculty members in 26 departments and several interdisciplinary programs, and enrolls more than 15,000 undergraduate and more than 1,500 graduate students. All the major academic disciplines in the arts and sciences are represented in the school. Students also participate in interdisciplinary programs such as Asian American Studies, Comparative Literature, Human Biology, Jewish Studies, and Religion. In cooperation with Hunter College's Roosevelt House, the School vigorously supports interdisciplinary programs in in Human Rights and Public Policy.

**Office of the Dean:**
Degree Map for Accounting

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Accounting major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**

English Comp (EC)

**GER**

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*
ECO 20000 - Principles of Microeconomics

GER
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.

May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 15000 or 15500 and ECO 10000

3 hrs
3 cr.

- Foreign Language Elementary Level 1
- US Experience in Its Diversity

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

MATH 15200 (STEM) - Calculus for Life and Social Sciences

Limits, continuity and the derivative. The power rule, product and quotient rules, the chain rule, and implicit differentiation. The Mean Value Theorem and the Intermediate Value Theorem. Curve sketching and optimization, and linear approximation. Riemann integral and the Fundamental Theorem of Calculus. Various applications to economics, life sciences, and physical sciences. Students will not be allowed to obtain credit for both MATH 15200 and MATH 15000 (STEM). Students planning on taking more than one semester of calculus should take MATH 15000 (STEM) instead.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, and coreq MATH 14000; or appropriate score on placement exam.
Not open to students who have taken MATH 15000.
4 hrs
4 cr.
ECO 20100 - Principles of Macroeconomics

GER
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.
May be taken prior to or concurrently with ECO 20000.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.

- Foreign Language Elementary Level 2
- Creative Expression

Sophomore Year

Fall

ECO 22100 - Economic Statistics

Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500

3 hr lecture or 2 hr lecture/1 hr discussion
3 cr.

ACC 27100 - Accounting I

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.

prereq: upper freshman standing

3 hrs
3 cr.

- Foreign Language Intermediate Level 3
- Individual & Society/ Humanities
- World Cultures & Global Issues

Spring

ACC 27200 - Accounting II
Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.

**effective term spring 2016**

**prereq:** ACC 27100 with a grade of C or better

3 hrs
3 cr.

**ACC 28000 - Business Law I**

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.

**prereq:** sophomore standing or perm chair

3 hrs
3 cr.

- Finance Requirement I (ECO 21000 Money and Banking or ECO 36500 Corporate Finance)
- Foreign Language Intermediate Level 4
- Life and Physical Sciences

**Junior Year**

**Fall**

**ACCP 37100 - Intermediate Accounting I**

In-depth study of current concepts relating to accounting for assets and current liabilities.

**effective term spring 2016**

**prereq:** ACC 27100 and ACC 27200 all with a grade of C or better.

3 hrs
3 cr.

**ACCP 38000 - Business Law II**

Legal aspects of business organizations; agency, partnership and corporate relationships.

**prereq:** ACC 28000 with a grade of C, or CR, or better

3 hrs
3 cr.

- Finance Requirement II (ECO 21000 Money and Banking, ECO 36500 Corporate Finance, ECO 36600 Security and Investment Analysis if already took ECO 365, or ACCP 367 if already took ECO 365)
- Business Elective I (ECO 35900 Economics of Business Organization and Management or any 300 or 400 level ACCP or ECO course (ACCP 48000 Business Law III is strongly recommended))
- Elective

**Spring**

**ACCP 37200 - Intermediate Accounting II**

Long-term liabilities, investments, revenue recognition; shareholders’ equity, dilutive securities and earnings per share, income taxes, pensions, leases.

**effective term spring 2016**

**prereq:** ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better.
4 hrs
4 cr.

**ACCP 37300 - Federal Income Taxation**

Principles of federal income taxation and the impact of taxes on individuals.

*effective term spring 2016*

*prereq: Prereq: ACC 27100 and ACC 27200 and ACCP 37100, all with a grade of C or better*

3 hrs.

3 cr.

- Business Elective II (ECO 35900 Economics of Business Organization and Management or any 300 or 400 level ACCP or ECO course (ACCP 48000 Business Law III is strongly recommended)
- Elective
- Elective

**Senior Year**

**Fall**

**ACCP 37400 - Managerial Accounting (Cost Accounting)**

Accumulation, analysis, presentation and use of cost data by management; budgets.

*effective term spring 2016*

*prereq: Prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better*

3 hrs.

3 cr.

**ACCP 47100 - Advanced Accounting I**


*effective term spring 2016*

*prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better*

3 hrs.

3 cr.

**ACCP 47500 - Auditing**

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.

*prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better*

*prereq or coreq: ACCP 47100 with a grade of C or better*

4 hrs.

4 cr.

- Business Elective III (ECO 35900 Economics of Business Organization and Management, or any 300 or 400 level ACCP or ECO course (ACCP 48000 Business Law III is strongly recommended)***
- Business Elective IV (ECO 35900 Economics of Business Organization and Management, or any 300 or 400 level ACCP or ECO course (ACCP 48000 Business Law III is strongly recommended)***
Spring

ACCP 47200 - Advanced Accounting II

Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy. 
\textit{effective term spring 2016}
prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better
3 hrs
3 cr.

ACCP 47300 - Business Taxes

Federal income taxation of partnerships and corporations; other special tax issues.
\textit{effective term spring 2016}
prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 and ACCP 37300 all with a grade of C or better
3 hrs
3 cr.

ACCP 47600 - Computer Accounting Systems

prereq: ACC 27100 and ACC 27200, both with a grade of C or better, and declaration as an accounting major
3 hrs
3 cr.

ACCP 49000 - Accounting & Auditing Research

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.

prereq: ECO 22100 with a grade of C or CR or better or STAT 21300 with a grade of C or CR or better and ACC 27100, ACC 27200, ACCP 37100, and ACCP 37200 all with a grade of C or better.
prereq or coreq: ACCP 47500
3 hrs
3 cr.

Notes:

- Students placing into MATH 101 or 101EN should speak with an advisor to discuss completion of major in four years.
- **Math 150 Calculus with Analytic Geometry I or ECO 220 Techniques of Economic Analysis may also be used to fulfill the calculus requirement for the major. Students who wish to take higher levels of calculus are advised to take MATH 150.
- Majors are advised to complete MATH 150 or MATH 152 or ECO 220 and ECO 221 within their first 75 credits of college work. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major.
• An overall average of at least "C+" (2.3 Grade Point Average) must be maintained in the 35 ACC/ACCP credits (except Business Law and ACCP 376). Students who receive a grade of "D" or lower in any of the eleven required accounting courses in the Professional Studies Requirement will be allowed to repeat the course only once. In total, students may repeat no more than three Accounting courses for which they received a grade of "D" or lower. Students who exceed this allowed number of course repeats will be dismissed from the BS program in Accounting. The Academic Adviser for the BS program in Accounting may, under extraordinary circumstances, make exceptions to this rule.

• An overall average of at least "C+" (2.3 Grade Point Average) must be maintained in the 36 credits of Other Professional Studies (Business Law, Statistics, Finance, Business Core, and Business Elective). This requirement is separate and measured independently of the required 2.3 GPA for the 35 Accounting credits.

• Note: There is no minimum required Grade Point Average for the four to eleven Non-professional Studies credits.

• Students enrolled in the BS (accounting) curriculum may not use a CR/NC grade in any of the eleven required Accounting classes. Students enrolled in the BS (accounting) curriculum may use a CR/NC grade only one time toward the 36 credits in the Other Professional Studies requirement. If a student exceeds this limit, any additional CR grades in these 36 credits will be converted to a grade of C and any additional NC grades in these 36 credits will be converted to a grade of F.

• ***Business electives (12 cr) Choose from the following:
  o ECO 35900 Economics of Business Organization and Management
  o Any 300- or 400-level ACCP or ECO course (excluding ACCP 47600 and ECO 49800) Note: ACCP 48000 is strongly recommended.
  o NOTE: Students may not use any course to fulfill the business elective requirement that is also being used to satisfy any other requirement of the Accounting major.

**Degree Map for Bachelor of Social Work (BSW)**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Art History major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

**Freshman Year**

**Fall**

**ENGL 12000 - Expository Writing**

_Hunter Core_

English Comp (EC)

_GER_

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

_prereq: successful completion of developmental courses, if required_
PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

SW 20100 - Introduction to Social Work

Introduces the beginning student to the philosophy, mission and challenges of social work. It provides a broad overview of the history, values, ethics, knowledge base, as well as populations we work with, and some of the practice methods and interventions we use to ameliorate problems.

Sophmore Year

Fall

SW 20100 - Introduction to Social Work

Introduces the beginning student to the philosophy, mission and challenges of social work. It provides a broad overview of the history, values, ethics, knowledge base, as well as populations we work with, and some of the practice methods and interventions we use to ameliorate problems.

prereq: ENGL 12000; SOC 10100 or PSYCH 10000
Spring

- Foreign Language Intermediate Level 4
- Elective
- Elective
- Elective
- Elective

Junior Year

Fall

**SW 31000 - Social Work Practice and Learning LAB I**

Social Work Practice Lab (PL) I, is the first part of a two-semester foundation course that introduces the BSW student to professional social work practice with individuals, families, groups, organizations and communities.

*prereq: SW 20100 Introduction to Social Work*
*coreq: SW 33000 Human Behavior and the Social Environment I ; SW 32000 Social Work Policy I*

3 hrs.
3 cr.
fall only

**SW 32000 - Introduction to Social Welfare Policy & Services**

Provides students with orienting knowledge and skills needed to examine social welfare policies and to understand their relevance to social service delivery and practice.

*prereq: SW 20100*
*coreq: SW 31000, SW 33000*

3 hrs.
3 cr.
fall only

**SW 33000 - Human Behavior in the Social Environment I**

Provides a foundation for students to make conceptual linkages between multiple formulations of the person-environment configuration in understanding the complexities of human behavior, while paying specific attention to both social diversity and human development.

*prereq: SW 20100*
*coreq: SW 31000, SW 32000*
Spring

SW 31100 - Social Work Practice and Learning LAB II

Social Work Practice Lab (PL) II, is the second part of a two-semester foundation course and builds on the foundational issues and generalist practice approach in Social Work Practice Lab I.

*prereq: SW 21000, SW 32000, SW 33000, SW 31000
3 hrs.
3 cr.
spring only

SW 34000 - Social Work Policy in Child Welfare

This course is designed to help students understand the current and historical context of child welfare policies and programs in New York and the United States; the major issues in child welfare; policy frameworks; and services and practices in the child welfare arena.

*prereq: SW 20100, SW 31000, SW 32000
*coreq: SW 31100, SW 33100
3 hrs.
3 cr.
spring only

SW 33100 - Human Behavior in the Social Environment II

Continuation of the two-semester course (SW 33000/33100). It builds on a foundation of knowledge on "human behavior in the social environment" for social work practice with individuals, families, groups, organizations and communities.

*prereq: SW 20100, SW 33000
*coreq: SW 34000
3 hrs
3 cr.

Elective
Elective

Senior Year

Fall

SW 41000 - Social Work Practice in Child Welfare I
Social Work Practice in Child Welfare I is designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.

**prereq:** SW 20100, 31000, 31100, 33000, 33100, 32000, 34000  
**coreq:** SW 43000, 45000  
3 hrs  
3 cr.  
fall only

**SW 43000 - Integrative Seminar I**

This is the first part of a two-semester Integrative Seminar taken in conjunction with field placements. Students are taught how to use assessment, planning, intervention and evaluation paradigms to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

**prereq:** SW 20100, 31000, 31100, 33000, 31100, 32000; 34000 -or- 35000  
**coreq:** SW 41000 -or- 42000; SW 45000  
3 hrs  
3 cr.  
fall only

**SW 44000 - Social Work Research**

An introduction to basic research methods within the context of social work practice.

**prereq:** SW 20100, 31000, 31100, 33000, 33100, 32000; 34000 -or- 35000  
3 hrs  
3 cr.  
fall only

**SW 45000 - Social Work Field Instruction I**

Field Work and Field Instruction is a 14 hour per week formal internship. It connects social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

**prereq:** SW 31000, 31100, 32000, 34000, or SW 35000, 33000, 33100  
**coreq:** Social Work Practice in Child Welfare I, SW 41000 or Social Work Practice in Care Coordination I, SW 420, Social Work Research, SW 44000, Integrative Field Seminar I, SW 43000  
3 hrs  
3 cr.  

- Elective

**Spring**

**SW 41100 - Social Work Practice in Child Welfare II**

The 2nd semester of a year long practice course designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.
**SW 43100 - Integrative Seminar II**

This is the second semester skills building Integrative Seminar taken in conjunction with field placements. The assessment, planning, intervention and evaluation paradigms are used to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

**prereq:** SW 20100, 31000, 31100, 33000, 33100, 32000, 34000, 41000

**coreq:** SW 43100, 45100

3 hrs

3 cr.

*spring only*

**SW 45100 - Social Work Field Instruction II**

This is the second semester of the year-long, 14 hour per week, course in Field work and Field Instruction that integrates social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

**prereq:** SW 45000

**coreq:** SW 41100 or SW 42100, SW 43100

3 hrs

3 cr.

- Elective
- Elective

**Notes:**

- Students will be considered for admission if they have between 55 and 80 credits and an overall GPA of 2.75.
- Students must have taken and received a grade of B or better in the Introduction to Social Work course SW 20100 or SOC 23100.
- *SOC 101 satisfies the I&S/SS requirement but PSYCH 100 does not. If students choose PSYCH 100 in their first semester, they will need to choose another I&S/SS course to satisfy this requirement.

**Degree Map for Chinese**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chinese major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.
Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

CHIN 10100 - Elementary Chinese I

Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall
- HCR - Math & Quantitative Reasoning
- HCR - Individual and Society: Social Sciences

Spring

CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
Sophomore Year

Fall

**CHIN 20100 - Intermediate Chinese I**

Reading of literature in *baihua* (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.

*prereq: CHIN 10200 or equiv.*

3 hrs

3 cr.

offered fall

**CHIN 11100 - Chinese Culture I**

**Hunter Core**

World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A

GER

2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.

3 hrs

3 cr.

- HCR - Life & Physical Sciences
- ELECTIVE
- ELECTIVE

Spring

**CHIN 20200 - Intermediate Chinese II**

Continued reading of literature in *baihua*.

*prereq: CHIN 20100 or equiv.*

3 hrs

3 cr.

offered spring

- HCR - Individual & Society: Humanities
- HCR - US Experience in its Diversity
- ELECTIVE
- ELECTIVE
Junior Year

Fall

CHIN 30100 - Journalistic Chinese Literature I

Intensive reading of literature and essays written in journalistic style.
*prereq: CHIN 20200 or equiv.*
3 hrs
3 cr.
offered fall

CHIN 30300 - Classical Chinese Literature I

Intensive study of literature written in *wenyan* or classical style, with attention to basic structures of literary styles.
*prereq: CHIN 20200 or equiv.*
3 hrs
3 cr.
offered fall

CHIN 30600 - 20th-century Chinese Literature

**Pluralism and Diversity**

PD/A
Selected readings of leading thinkers and writers.
*prereq: CHIN 20200 or equiv.*
3 hrs
3 cr.

- HCR - Concentrated Study
- ELECTIVE

Spring

CHIN 30200 - Journalistic Chinese Literature II

Intensive reading and translation of literature written in journalistic style.
*prereq: CHIN 30100 or equiv.*
3 hrs
3 cr.
offered spring

CHIN 30400 - Classical Chinese Literature II

Continuation of CHIN 303. Selected readings in literature written in *wenyan* or classical style.
*prereq: CHIN 303 or equiv.*
3 hrs
3 cr.
offered spring

- ELECTIVE
Senior Year

Fall

CHIN 30700 - Classical Chinese Poetry

Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
prereq: CHIN 30400 or equiv.
3 hrs
3 cr.

CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
3 cr.

CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.
prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr.

Spring

CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.
prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr.

CHIN 35700 - Chinese Poetry in English Translation (W)
Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.
*prereq: ENGL 12000
3 hrs
3 cr.*

**CHIN 40200 - Independent Study in Chinese Literature**

Independent study and research in Chinese literature under supervision of a faculty member. For majors only.
*prereq: CHIN 40100, perm chair
3 hrs
3 cr.*

- ELECTIVE
- ELECTIVE

**Degree Map for Classical Archaeology**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Classical Archaeology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

**Freshman Year**

**Fall**

**ENGL 12000 - Expository Writing**

**Hunter Core**

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
*prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.*

- Math & Quantitative Reasoning
- GRK 101 -or- LAT 101
• Individual & Society/ Humanities
• US Experience in its Diversity

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)

**GER**
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**CLA 10100 - Classical Mythology**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/D

**GER**
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.

3 hrs

3 cr.

- GRK 102 -or- LAT 102
- Individual & Society/ Social Sciences
- Scientific World

Sophomore Year

Fall

**CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**GER**
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr.

• CLA 201 -or- CLA 203
• Life and Physical Sciences
• GRK or LAT 110
• Elective

Spring

CLARC 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.
prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

• Creative Expression
• Foreign Language Intermediate Level 2
• Elective

Junior Year

Fall

CLARC 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLARC 20400
3 hrs
3 cr.

• CLARC 22100 Greek Archaeology (W)
• Concentrated Study
• Elective
• Elective

Spring

CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity
PD/D
GER
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.

prereq: ENGL 12000; CLARC 20300 or CLARC 20400
3 hrs
3 cr.
fall only

• CLA or ANTHC - Archaeology Elective
• Elective
• Elective
• Elective

Senior Year

Fall

• CLA or ANTHC - Archaeology Elective
• CLA - Classical Archaeology Elective
• CLA - Honors or Elective
• Elective
• Elective

Spring

• CLA or ANTHC - Archaeology Elective
• Elective
• Elective
• Elective
• Elective
Degree Map for Classical Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Classical Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research. 

prereq: successful completion of developmental courses, if required

3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- GRK 101 Beginning Ancient Greek 1 or LAT 101 Beginning Latin 1
- Individual & Society/ Humanities
- US Experience in its Diversity

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour
3 cr.

CLA 10100 - Classical Mythology
Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.

3 hrs
3 cr.

- GRK 102 Beginning Ancient Greek 2 or LAT 102 Beginning Latin 2
- Individual & Society/ Social Sciences
- Scientific World

Sophomore Year

Fall

CLA 20100 - Greek Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
prereq: ENGL 12000
3 hrs
3 cr.

- Life & Physical Sciences
- GRK 21100 Ancient Greek Reading: Prose or LAT 21100 Latin Reading: Prose
- Elective
- Elective

Spring

CLA 20300 - Roman Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.
prereq: ENGL 12000
3 hrs
3 cr.

- Creative Expression
- GRK 21200 Ancient Greek Reading: Poetry or LAT 21200 Latin Reading: Poetry
- Elective
- Elective

Junior Year

Fall

- CLA 200 or 300 Level Elective
- Elective
- Elective
- Elective
- Elective

Spring

- CLA 200 or 300 Level Elective
- Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- CLA Honors or Elective
- CLA Honors or Elective
- Greek or Latin 300 Level or Elective
- Elective
- Elective

Spring

- Elective
- Elective
- Elective
- Greek or Latin 300 Level or Elective
- Elective

Notes:
Classical Studies Majors must complete at least 12 credits of either Ancient Greek or Latin.

Students completing LAT 107, Intensive Latin, do not need to take LAT 101 or LAT102.

Majors must take 12 credits of CLA courses, including two courses at 300 level. CLA 101 does not count toward Classical Studies major.

At least 6 credits (2 courses) of CLA classes must be at the 300 level.

Students who wish to graduate with honors in the major must take CLA 491.

**Degree Map for Community Health**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Community Health major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

COMMUNITY HEALTH - BS Students interested in this program should be aware that they must apply and be accepted into the program to declare. Only a certain amount of students are accepted each semester.

**Freshman Year**

**Fall**

**ENGL 12000 - Expository Writing**

**Hunter Core**

English Comp (EC)

**GER**

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

**SOC 10100 - Introduction to Sociology**

**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

**GER**

2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs

3 cr.

- Math & Quantitative Reasoning
• Foreign Language Elementary Level 1
• Natural Lab Sciences Course

Spring

ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr.
offered every sem.

• Individual & Society/ Humanities
• Foreign Language Elementary Level 2
• English Composition 2
• US Experience in its Diversity

Sophomore Year

Fall

• Scientific World
• Creative Expression
• Foreign Language Intermediate Level 3
• Elective

Spring

• Social Science 200 or Higher Level Elective
• Foreign Language Intermediate Level 4
• Elective
• Elective

Junior Year

Fall
PH 30100 - Introduction to Community and Public Health

An introduction to the study of structural inequalities that contribute to health disparities with an emphasis on communities – geographic, identity-based, or virtual, as the focus for research and intervention.

Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100, or equivalent.

3 hrs
3 cr.

PH 32800 - Public Health Biology

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.

Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100, or equivalent.

3 hrs
3 cr.

PH 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.

Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.

3 hrs
3 cr.

SOC 30100 - Medical Sociology

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.

prereq: SOC 10100

3 hrs
3 cr.

• Approved Community Health Elective (see notes)

Spring

PH 30400 - Health Communication Practice

An introduction to the field of health communication with an emphasis on key technological advances and use of new media (internet and other digital media, social media, mobile technology, etc.) to communicate about health issues as part of public health interventions. It also provides students with practical skills in creating media for health promotion.
PH 30300 - Social Structure and Health (W)

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.

prereq: acceptance to the PH major, or permission of the instructor

3 hrs
3 cr.

PH 40500 - Health Care Systems and Health Policy

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.

prereq: PH 30100

3 hrs
3 cr.

PH 41100 - Community Health Assessment

Introduction to assessing health needs of communities and populations, in preparation for fieldwork.

prereq: PH 33000

3 hrs
3 cr.

Elective

Senior Year

Fall

PH 30200 - Health Program Planning and Evaluation

Addresses process of program planning, development, and evaluation of health promotion programs. Focus is on development of clear, concise objectives leading to design and evaluation of effective primary, secondary, and tertiary prevention strategies.

prereq or coreq: PH 30100. Open to BS, MHC-PH, others by permission of instructor

3 hrs
3 cr.

PH 41200 - Directed Fieldwork Practicum

200 hours summer internship to gain experience in community health setting, culminating in production of e-portfolio.

prereq: PH 41100
NFS 14100 - Nutrition

Hunter Core
Scientific World (SW)
Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr.

- Approved Community Health Elective (see notes)
- Elective

Spring

PH 32500 - Environmental Public Health

Impact of environmental problems associated with urbanization, e.g., water quality, air and noise pollution, waste disposal and radiation hazards.

Minimum GPA to enroll - 2.75

prereq: Any intro Statistic course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 101, or equivalent.
3 hrs
3 cr.

PH 40800 - Digital Media and Health

An introduction to key technological advances and current use of new media (Internet and other digital media, mobile technology, etc.) to communicate about health issues as part of broad community based public health and health communication interventions. It also provides students with practical skills in creating media for health promotion.

prereq: Acceptance to the PH major or permission of the instructor
3 hrs
3 cr.

PH 41300 - Research Symposium

Overview of quantitative and qualitative research methods and issues in study design and analysis.

prereq or coreq: PH 41200
3 hrs
3 cr.

- Elective
- Elective

Notes:
• Preferred courses that fulfill natural lab science course are: ANTHP 10100, ANTHP 10200, BIOL 10000, BIOL 10200, BIOL 12500, or BIOL 15000.
• *may be taken an earlier semester
• **COMHE 30600 can be taken instead of COMHE 30300(W). COMHE 30600 is not writing intensive
• Approved Community Health Electives can be found at http://www.hunter.cuny.edu/communityhealth/comhe-major/approved-electives-for-comhe-majors.
• Entrance to major is Fall semester only via a COMHE website online application. UPH/COMHE does not accept Hunter's
• Paper major declaration form.

Degree Map for Comparative Literature

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Comparative Literature major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

• HCR - Math & Quantitative Reasoning
• Foreign Language - Elementary Level I
• HCR - Scientific World
• HCR - US Experience in its Diversity

Spring

ENGL 22000 - Introduction to Writing about Literature (W)
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

*3 hrs + one additional conference hour
3 cr.*

- HCR - Life and Physical Sciences
- Foreign Language - Elementary Level II
- HCR - Individual and Society: Humanities
- ELECTIVE

**Sophomore Year**

**Fall**

- HCR - Creative Expression
- HCR - Individual and Society: Social Sciences
- Foreign Language - Intermediate Level I
- ELECTIVE
- ELECTIVE

**Spring**

**COMPL 30100 - Seminar: Approaches to Comparative Literature**

Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary.

Required of all majors in comparative literature.

*3 hrs
3 cr.*

- Foreign Language - Intermediate Level II
- ELECTIVE
- ELECTIVE
- ELECTIVE

**Junior Year**

**Fall**

- COMP - 300 Level Elective
- COMP - 300 Level Elective
- HCR - Concentrated Study
Spring

- COMP - 300 Level Elective
- LIT - Elective
- LIT - Elective
- ELECTIVE
- ELECTIVE

Senior Year

Fall

- LIT - Elective
- LIT - Elective
- ELECTIVE
- ELECTIVE

**COMPL 39000 - Honors Project**

*prereq: completion of 9 cr. in COMP-prefixed courses*

*3 hrs*

*3 cr.*

Spring

**COMPL 39100 - Honors Project**

*prereq: completion of 9 cr. in COMP-prefixed courses*

*3 hrs*

*3 cr.*

- LIT - Elective
- LIT - Elective
- ELECTIVE
- ELECTIVE

**Degree Map for Computer Science**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Computer Science major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a
minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

### Freshman Year

#### Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**  
English Comp (EC)

**GER**  
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq:** successful completion of developmental courses, if required

3 hrs + conf  
3 cr.

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**  
Math/Quantitative Reasoning

**GER**  
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

**prereq:** grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs  
4 cr.

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**  
Individual & Society - Humanities (I&S H)

**GER**  
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs  
3 cr.

**CSCI 12700 - Introduction to Computer Science (STEM)**
This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

• Foreign Language Elementary Level 1

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour
3 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. *prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs
4 cr.

**CSCI 15000 - Discrete Structures**

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

*prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500*

4 hrs (3 Lec. 1 Rec.)
4 cr.
Foreign Language Elementary Level 2

Sophomore Year

Fall

CSCI 13500 - Software Analysis and Design I

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

prereq: CSCI 12700 or equivalent and; MATH 12400, or 12500, or 15000, or 15200, or 15500.
5 hrs (3 hours lecture, 2 hours recitation)
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.
prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

- Foreign Language Intermediate Level 3
- Individual & Society/ Social Sciences

Spring

CSCI 16000 - Computer Architecture I

GER
3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr.

CSCI 23500 - Software Analysis and Design II

GER
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.

prereq: CSCI 13500, 15000; MATH 15000
3 hrs
3 cr.

MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

• Foreign Language Intermediate Level 4
• US Experience in Its Diversity

Junior Year

Fall

CSCI 33500 - Software Analysis and Design III

GER
3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

prereq: CSCI 23500, MATH 15000
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B
Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*

3 hrs

3 cr.

- World Cultures & Global Issues
- Life and Physical Sciences
- Creative Expression

Spring

**CSCI 26500 - Computer Theory I**

**GER**

3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

*prereq: CSCI 16000 or 14500; MATH 15000*

3 hrs

3 cr.

**CSCI 26000 - Computer Architecture II**

**GER**

3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.

*prereq: CSCI 13500, 16000 or 24500; MATH 15000*

3 hrs

3 cr.

- CSCI Elective
- Elective
- Elective

Senior Year

Fall

**CSCI 34000 - Operating Systems**

**GER**

3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.
prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr.

- CSCI Elective
- CSCI Elective
- Elective
- Elective

Spring

CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will
implement systems that involve at least two platforms running programs written in at least three languages.
prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.
4 hrs
4 cr.

- CSCI Elective
- Elective
- Elective
- Elective

Notes:

- If students do not place into MATH 125 or higher, they should enroll in MATH 101 or MATH 101EN for the
  first semester (the major may still be completed in four years but student should speak with an advisor to plan
  sequencing)
- ALL CSCI and MATH courses must be passed with a C or higher
- **CSCI 136 Supervised Programming Lab is recommended but is not a required major course
- *** MATH 156 is recommended if student plans on completing a math minor. Students can opt for any 1
  credit elective to ensure eligibility for the NY State Excelsior Scholarship (a minimum of 30 credits per year
  must be completed to remain eligible).

Degree Map for Computer Science: Bioinformatics

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in
four years with a Computer Science major. The Degree Map is a tool to assist you and your advisor in planning your
academic path to graduation. Use it along with the program of study information for your major (found in the Hunter
Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses
required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently
satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a
minor through the selection of electives. Your specific program of study could, and probably will, look different. You
need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and
Statistics. See program details for more information.
Freshman Year

Fall

**ENGL 12000 - Expository Writing**

*Hunter Core*
- English Comp (EC)
- **GER**
- 1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf
3 cr.

**MATH 12500 (STEM) - Precalculus**

*Hunter Core*
- Math/Quantitative Reasoning
- **GER**
- 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*

4 hrs
4 cr.

**MEDIA 18000 - Introduction to Media Studies**

*Hunter Core*
- Individual & Society - Humanities (I&S H)
- **GER**
- 2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

**CSCI 12700 - Introduction to Computer Science (STEM)**

*Hunter Core*
- Scientific World (SW)
- **GER**
- 2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware,
software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

- Foreign Language Elementary Level 1

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER 2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

CSCI 13500 - Software Analysis and Design I

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

prereq: CSCI 12700 or equivalent and; MATH 12400, or 12500, or 12550, or 15000, or 15200, or 15500.
5 hrs (3 hours lecture, 2 hours recitation)
4 cr.

Sophomore Year

Fall

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.  
4 hrs  
4 cr.

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**  
Scientific World (SW); Life and Physical Sciences (LPS)  
**GER**  
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

**prereq or coreq:** MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500  
5 hrs (4 lec, 1 rec)  
4 cr.

**CSCI 16000 - Computer Architecture I**

**GER**  
3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.  
**prereq:** CSCI 12700, CSCI 15000  
3 hrs  
3 cr.

- Foreign Language Intermediate Level 3  
- Individual & Society/ Social Sciences

**Spring**

**CSCI 23500 - Software Analysis and Design II**

**GER**  
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.  
**prereq:** CSCI 13500, 15000; MATH 15000  
3 hrs  
3 cr.

**MATH 15500 (STEM) - Calculus II**
**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*

4 hrs

4 cr.

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

*prereq: MATH 15000*

*prereq or coreq: MATH 15500*

2 hrs

1 cr.

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**

PD/C or D

**GER**

2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

*spring only*

- Foreign Language Intermediate Level 4

**Junior Year**

**Fall**

**CSCI 33500 - Software Analysis and Design III**

**GER**

3/B
The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

prereq: CSCI 23500, MATH 15500
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

• US Experience in its Diversity

Spring
CSCI 26500 - Computer Theory I

GER
3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

**prereq:** CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr.

CSCI 34000 - Operating Systems

GER
3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.

**prereq:** CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr.

MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

**prereq:** Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
**coreq:** CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

Elective****

Senior Year
Fall

CSCI 43500 - Database Management

GER
3/B

Hierarchical and network databases; theory of relational databases; normalization theory; query languages.

prereq: CSCI 33500
3 hrs
3 cr.

STAT 31900 - Bayesian Statistical Inference in the Sciences

GER
3/B


prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.
Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs
3 cr

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

• World Cultures & Global Issues
• Elective

Spring

BIOL 42500 - Computational Molecular Biology

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in
molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

3 hrs
3 cr.

- CSCI 493-71 Seminar: Big Data
- Creative Expression
- Elective
- Elective

Notes:

- ALL CSCI, MATH/STAT, CHEM, and BIOL courses must be passed with a C or higher
- * If students do not place into MATH 125 or higher, they should enroll in MATH 101 or MATH 101EN for the first semester
- ** MATH 156 is not required but is recommended if student plans on completing a math minor
- *** Students will need to request permission from the Biology department to register for BIOL 203
- **** Students can opt for any 1 credit elective to ensure eligibility for the NY State Excelsior Scholarship (a minimum of 30 credits per year must be completed to remain eligible)

Degree Map for English: Preparation for Secondary School Teaching BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**

English Comp (EC)

**GER**

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express
themselves clearly and effectively. Introduction to documented research.

**prereq:** successful completion of developmental courses, if required

3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Level 1
- US Experience in Its Diversity
- Life & Physical Sciences

**Spring**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour
3 cr.

- Scientific World
- Foreign Language Level 2
- Creative Expression
- Individual & Society/ Social Sciences

**Sophomore Year**

**Fall**

**ENGL 25200 - Introduction to Literary Studies**

**GER**

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

**prereq:** ENGL 22000

3 hrs.
3 cr.

- Elective
- Foreign Language Level 3
- Individual & Society/ Humanities
- World Cultures & Global Issues

**Spring**
ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30300 - Western Literary Backgrounds of British and American Literature

Pluralism and Diversity
PD/D
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods
prereq: ENGL 22000
3 hrs
3 cr.
- Foreign Language Level 4
- Elective
- Elective

Junior Year

Fall

ENGL 30100 - Composition Theory and Practice

GER
3/A

Study of the theory and practice of academic composition.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30600 - Introduction to Literary Theory (W)
An introduction to major theories of literature, with an emphasis on contemporary trends.

*prereq: ENGL 22000

3 hrs
3 cr.

- Hunter Focus
- Elective

Spring

**ENGL 28500 - Introduction to Creative Writing**

**GER**

3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods. Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses, except ENGL 30100.

*prereq: ENGL 22000

3 hrs
3 cr.

**ENGL 32000 - Multi-Ethnic American Literature (W)**

**Pluralism and Diversity**

**PD/B**

**GER**

3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000

3 hrs
3 cr.

**ENGL 28000 - The Structure of Modern English**

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

*prereq: ENGL 22000

3 hrs
3 cr.

- Elective
- Elective
Senior Year

Fall

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Spring

• ENGL 300 or 400 Level Elective
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Degree Map for Environmental Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Environmental Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

ENGL 12000 - Expository Writing
Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

- Foreign Language Elementary Level 1
- Creative Expression
- GEOL or PGEOG 100 level Foundational Course

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500*

5 hrs (4 lec, 1 rec)

4 cr.

- Foreign Language Elementary Level 2
- GEOL or PGEOG 100 level Foundational course
- US Experience in Its Diversity

**Sophomore Year**

**Fall**

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**

Life and Physical Sciences (LPS) Scientific World (SW)

**GER**

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better*

5 hrs (4 lec, 1 rec)

4 cr.

**GEOG 22600 - Environmental Conservation: Resource Management**

**GER**

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

*prereq or coreq: ENGL 12000*

3 hrs

3 cr.

- Individual & Society/ Social Sciences
- World Cultures & Global Issues
- Foreign Language Intermediate Level 1

**Spring**

**CHEM 10600 (STEM) - General Chemistry Laboratory**
**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.*

- Individual & Society/ Humanities
- Foreign Language Intermediate Level 2
- GEOG, GEOL, PGEOG or GTECH 200 Level Elective
- Elective

**Junior Year**

**Fall**

**PGEOG 25000 - Earth System Science I (W)**

**GER**
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.

*prereq: ENGL 12000
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr.*

- GEOG, GEOL, PGEOG or GTECH 200 level
- Elective
- Elective
- Elective

**Spring**

**PGEOG 25100 - Earth System Science II**

**GER**
3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.
prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr.

- GEOG, GEOL, PGEOG or GTECH 300 level
- Elective
- Elective
- Elective

Senior Year

Fall

- GEOG, GEOL, PGEOG or GTECH 300 level Elective
- GEOG, GEOL, PGEOG or GTECH 300 level Elective
- Elective
- Elective
- Elective

Spring

- GEOG, GEOL, PGEOG or GTECH 300 level Elective
- PGEOG 49000 Honors in Environmental Studies or PGEOG 39300 Individual Study in Environmental Studies
- Elective
- Elective
- Elective

Notes:

- The total number of credits to satisfy the Environmental Studies Major is a minimum of 40 credits from the core and elective categories.
- A minimum of 18 credits of approved elective courses are required to fulfill the major. Twelve (12) credits must be at the 300-level or higher. Courses not listed may be included in a student's concentration with permission of the Environmental Studies advisor.
- It is strongly recommended that students discuss their choice of electives and other courses with the major's advisor and review progress every semester.

Degree Map for Geography BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Geography major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.
Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to
analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

• Foreign Language Elementary Level 1
• Creative Expression

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.
Foreign Language Elementary Level 2
World Cultures & Global Issues

Sophomore Year

Fall

PGEOG 14000 - Introduction to Weather, Climate and Climate Change

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

3 hrs
3 cr.

US Experience in Its Diversity
Foreign Language Intermediate Level 3
Scientific World
Individual & Society/ Social Sciences

Spring

PGEOG 14100 - Introduction to Weather, Climate and Climate Change Laboratory

A hands-on laboratory science course. PGEOG 14100 will explain how weather and climate affect people and the natural environment through hands-on laboratory and field experiences. The course explores the science of the atmosphere starting with weather and weather forecasting including severe storms such as hurricanes and tornadoes. World climates and global climate change is included. This course will serve as an introduction to atmospheric science and will prepare students for further work in geography and Earth sciences.

3 hrs (1 hour lecture, 2 hours lab)
3 cr.

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only

3 hrs
3 cr.

Foreign Language Intermediate Level 4
Individual & Society/ Humanities
Junior Year

Fall

**GEOG 25000 - Geographic Research Methods**

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.

*prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course*

3 hrs

3 cr.

**GEOG 30600 - Special Topics in Contemporary Regional Geographies**

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to Jr/Sr only.

*prereq: GEOG 15000 World Regional Geography or instructor permission*

3 hrs

3 cr.

- GEOG/PGEOG/GTECH 300 level
- Elective
- Elective

Spring

- GEOG 35700 Geography of New York City and Vicinity or PGEOG 383.67 or PGEOG 383.06 or PGEOG 383.63 or GEOL 383.33*
- Department Approved Research Project, 300 level GEOG or PGEOG or GTECH course
- GEOG/PGEOG/GTECH 300 level
- Elective
- Elective

Senior Year

Fall

- GEOG/PGEOG/GTECH 300 level
- GEOG/PGEOG/GTECH 300 level
- Elective
- Elective
- Elective

Spring
• GEOG/PGEOG/GTECH 300 level
• Elective
• Elective
• Elective
• Elective

Notes:

• Third Year/ Fall Semester- Students can choose between one 200-Level regional course or one course in GEOG 30600 Special Topics in Contemporary Regional Geographies (3 credits)
• Third Year/ Spring Semester- Students can choose at least one field course chosen from the following courses (3 credits): GEOG 35700, PGEOG 38367, PGEOG 38306, PGEOG 38363, or GEOL 38333
• Third Year/Spring Semester- Students must choose at least one Department approved research project-related, 300-level GEOG, PGEOG, or GTECH course (3 credits)
• Elective courses (a minimum of 18 credits with a GEOG, PGEOG, or GTECH prefix of which at least 15 credits must be at the 300-level. You may take one 200-level course with a GEOG, PGEOG or GTECH prefix.

Degree Map for Greek

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Greek major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)  
GER  
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required  
3 hrs + conf  
3 cr.

GRK 10100 - Beginning Ancient Greek 1
Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.

3 hrs
3 cr.
offered fall

- HCR - Math & Quantitative Reasoning
- HCR - Individual and Society : Humanities
- HCR - Individual and Society : Social Sciences

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**GRK 10200 - Beginning Ancient Greek 2**

Elementary course in grammar, syntax and morphology of Ancient Greek.

*prereq: GRK 10100*

3 hrs

3 cr.

offered spring

- HCR - Creative Expression
- HCR - US Experience in its Diversity
- HCR - Scientific World

Sophomore Year

Fall

- GRK 110
- HCR - Life and Physical Sciences
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring
• GRK 202 or GRK 203
• ELECTIVE
• ELECTIVE
• ELECTIVE
• ELECTIVE

Junior Year

Fall

LAT 10100 - Beginning Latin 1

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.
3 hrs.
3 cr.
offered fall
• GRK - 300 Level Elective
• ELECTIVE
• ELECTIVE
• HCR - Concentrated Study

Spring

• GRK - 300 Level Elective
• LAT 102 or LAT 107
• ELECTIVE
• ELECTIVE

Senior Year

Fall

• GRK - 300 Level Elective
• GRK - 300 Level Elective
• ELECTIVE
• ELECTIVE
• ELECTIVE

Spring

• GRK - 300 Level Elective
• GRK - 300 Level Elective
• ELECTIVE
• ELECTIVE
• ELECTIVE
Degree Map for Greek and Latin

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Greek and Latin major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

**Hunter Core**

English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf
3 cr.

- HCR - Math & Quantitative Reasoning
- HCR - Individual and Society : Humanities
- GRK 101 or LAT 101
- HCR - Individual and Society : Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

**Hunter Core**

English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour
3 cr.

- HCR - Creative Expression
- HCR - US Experience in its Diversity
- GRK 102, LAT 102 or LAT 107
- HCR - Scientific World

Sophomore Year

Fall

- GRK 101 or LAT 101
- GRK 110 or LAT 110
- HCR - Life and Physical Sciences
- ELECTIVE
- ELECTIVE

Spring

- GRK 102, LAT 102 or LAT 107
- GRK 202 or 203 or LAT 201 or LAT 203
- ELECTIVE
- ELECTIVE
- ELECTIVE

Junior Year

Fall

- GRK 110 or LAT 110
- GRK or LAT - 300 Level Elective
- ELECTIVE
- ELECTIVE
- HCR - Concentrated Study

Spring

- GRK 203 or LAT 201 or LAT 203
- GRK or LAT - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Senior Year

Fall

- GRK - 300 Level Elective
- LAT - 300 Level Elective
Degree Map for Hebrew

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Hebrew Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
pre: req: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

HEBR 10100 - Elementary Hebrew I

Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

- HCR - Math & Quantitative Reasoning
• HCR - Creative Expression
• HCR - US Experience in its Diversity

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
**GER**
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**HEBR 10200 - Elementary Hebrew II**

Continuation of HEBR 10100.

*prereq: HEBR 10100 or equiv.*

3 hrs

3 cr.

• HCR - Individual and Society : Social Sciences
• HCR - Scientific World
• ELECTIVE

Sophomore Year

Fall

**HEBR 20100 - Intermediate Hebrew I**

Continued practice in conversational Hebrew, grammar and composition.

*prereq: HEBR 20200 or equiv.*

3 hrs

3 cr.

• HCR - Life and Physical Sciences
• ELECTIVE
• ELECTIVE
• ELECTIVE

Spring

**HEBR 20200 - Intermediate Hebrew II**
Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.

**Prereq:** HEBR 20100 or equiv.

3 hrs
3 cr.

- HCR - Individual and Society : Humanities
- ELECTIVE
- ELECTIVE
- ELECTIVE

**Junior Year**

**Fall**

- HEBR - 200 or 300 Level Elective
- HEBR - 300 Level Elective
- ELECTIVE
- ELECTIVE
- HCR - Concentrated Study

**Spring**

- HEBR - 200 or 300 Level Elective
- HEBR - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

**Senior Year**

**Fall**

- HEBR - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

**Spring**

- HEBR - 300 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE
Degree Map for Human Biology BA (Biology Sequence Option 1: Principles of Biology and General Chemistry)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Latin major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ANTHP 10500 - The Human Species**

**Hunter Core**
Life and Physical Sciences (LPS)
**GER**
2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution.

3 hrs
3 cr.

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

 prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**MATH 12500 (STEM) - Precalculus**
**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*

4 hrs
4 cr.

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf
3 cr.

- Foreign Language Elementary Level 1

**Spring**

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

**ENGL 22000 - Introduction to Writing about Literature (W)**
**Hunter Core**

**English Comp (EC)**

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

- World Cultures & Global Issues
- Foreign Language Elementary Level 2
- Creative Expression

**Sophomore Year**

**Fall**

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**

Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**

PD/C or D

**GER**

2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN*

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only

- Track Course 100 or 200 level

**STAT 11300 - Elementary Probability and Statistics**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to
analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

*prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
*prereq or coreq: ENGL 12000

3 hrs
3 cr.

- Foreign Language Intermediate Level 3
- US Experience in Its Diversity

Spring

- Track Course 100 or 200 level
- Track Course 100 or 200 level
- Individual and Society/ Humanities
- Foreign Language Intermediate Level 4
- Elective

Junior Year

Fall

- Track Course 300 level
- Individual and Society/ Social Sciences
- Elective
- Elective
- Elective

Spring

- Track Course 300 level
- Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- Track Course 300 level
- Elective
- Elective
- Elective
- Elective

Spring
HMBIO 40100 - Human Biology Senior Capstone

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points.

Prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director.

3 hrs

3 cr.

- Elective
- Elective
- Elective

Notes:

- *If students place into MATH 101 or 101EN they sequence will be shifted by one semester but may still be completed in four years.
- Optional Courses:
  - Independent Study (HMBIO 402) (1-3 Credits)
  - Internship (HMBIO 403) (1-3 Credits)(These do not count towards the major credits.)
- Honors Requirements: Complete Independent Study or Internship AND Overall GPA 3.0 or higher AND Human Biology Major GPA 3.5 or higher.
- Students will be required to have C- or Credit grades or better in the Core Sequence to continue in the major. Transfer students will be required to take ANTHP 10500 and receive a C or better to continue in the major.
- Students will choose between three Tracks I: Track I: Body, Mind, & Health, Track II: Human Evolution and Variation, or Track III: Human Organizations. Within each Track, 9 of the 18 credits must be at the 300+ level. The 18 credits must come from more than one department.

Degree Map for Human Biology BA (Biology Sequence Option 2: Anatomy & Physiology, and Essentials of Organic Chemistry)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Latin major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

ANTHP 10500 - The Human Species
Hunter Core
Life and Physical Sciences (LPS)
GER
2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ('nature') and environment ('nurture'), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution
3 hrs
3 cr.

CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry. Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.
prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
4 hrs (3 lec, 1 rec)
3 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

• Foreign Language Elementary Level 1

Spring

CHEM 10100 - Inquiries into the Nature of Matter

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students. Primarily for nursing, nutrition and food science and public health students.

3 hrs
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

• World Cultures & Global Issues
• Foreign Language Elementary Level 2
• US Experience in Its Diversity

Sophomore Year

Fall

BIOL 12000 - Anatomy and Physiology I
Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.

**CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**Pluralism and Diversity**
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

*prereq: CHEM 10000*

4 hrs (3 lec, 1 rec)
3 cr.

**CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**Pluralism and Diversity**
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

*prereq: CHEM 10100*
*prereq or coreq: CHEM 12000*

3 hrs (3 lab)
1.5 cr.
- Foreign Language Intermediate Level 3
- Creative Expression

**Spring**

**BIOL 12200 - Anatomy and Physiology II**

Structure and function of circulatory, digestive, excretory, endocrine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.

*prereq: BIOL 12000 or equiv.*

7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.

*spring only*
• Track Course 100 or 200 level
• Track Course 100 or 200 level
• Individual and Society/ Humanities
• Foreign Language Intermediate Level 4

Junior Year

Fall

• Track Course 100 or 200 level
• Individual and Society/ Social Sciences
• Elective
• Elective
• Elective

Spring

• Track Course 300 level
• Elective
• Elective
• Elective
• Elective

Senior Year

Fall

• Track Course 300 level
• Elective
• Elective
• Elective
• Elective

Spring

**HMBIO 40100 - Human Biology Senior Capstone**

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points. 
*prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director.*

3 hrs

3 cr.

• Track Course 300 level
• Elective
• Elective
• Elective
Notes:

- **Please note that your MATH course selection is based on your placement exam and MATH 125 is a pre-requisite for STAT 213.
- Optional Courses:
  - Independent Study (HMBIO 402) (1-3 Credits)
  - Internship (HMBIO 403) (1-3 Credits) (These do not count towards the major credits.)
- Honors Requirements: Complete Independent Study or Internship AND Overall GPA 3.0 or higher AND Human Biology Major GPA 3.5 or higher.
- Students will be required to have C- or Credit grades or better in the Core Sequence to continue in the major. Transfer students will be required to take ANTHP 10500 and receive a C or better to continue in the major.
- Students will choose between three Tracks I: Track I: Body, Mind, & Health, Track II: Human Evolution and Variation, or Track III: Human Organizations. Within each Track, 9 of the 18 credits must be at the 300+ level. The 18 credits must come from more than one department.

Degree Map for Italian Language and Civilization

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Italian Language and Civilization major. The degree map is a tool to assist you and your adviser in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your adviser. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core

English Comp (EC)

GER

1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

ITAL 10100 - Elementary Italian I

Language lab.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL
10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

ITAL 10300 - Intensive Elementary Italian

Equivalent to material covered in 101 and 102. Language lab mandatory. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

6 hrs
6 cr.

- Math & Quantitative Reasoning
- Scientific World
- Individual & Society/ Social Sciences

Spring

- ENGL 22000 Introduction to Writing about Literature (W)
- 1 course from: ITAL 26000 Modern Italian Short Story (W) , ITAL 27500 Masterpieces of Italian Literature , ITAL 27600 Dante's Divine Comedy in English (W), ITAL 28000 The Italian Renaissance: An Introduction
- ITAL 10200 Elementary Italian II
- ITAL 10300 Intensive Elementary Italian
- Individual & Society/ Humanities
- Life and Physical Sciences

Sophomore Year

Fall

ITAL 20100 - Intermediate Italian I

Language lab mandatory. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 10200 or 2 yrs high school Italian

3 hrs
3 cr.

ITAL 20300 - Intensive Intermediate Italian

Equivalent to material covered in 20100 and 20200. Language lab mandatory. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 10200 or 10300

6 hrs
6 cr.

- US Experience in Its Diversity
- World Cultures & Global Issues
- Elective
- Elective

**Spring**

- ITAL 20200 Intermediate Italian II
- ITAL 20300 Intensive Intermediate Italian
- 1 course from: ITAL 33400 - Italian Civilization in the Baroque, ITAL 33500 Italian Culture I, ITAL 33600 Italian Culture II, ITAL 33700 Italian Women Writers from the Middle Ages to the 18th Century, in English, ITAL 33800 - 19th and 20th Century Italian Women Writers
- Creative Expression
- Elective
- Elective

**Junior Year**

**Fall**

**ITAL 22100 - Italian for Oral Communication**

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ITAL 20200 or perm dept.*

3 hrs
3 cr.

**ITAL 31100 - Advanced Italian Grammar**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ITAL 20200 or equiv.*

3 hrs
3 cr.

- Elective
- Elective

**Spring**

- 3 courses from: ITAL 31200 Advanced Italian Composition, ITAL 32100 Italian Translation, ITAL 33100 Italian Phonetics and Diction, ITAL 36500 The 20th Century: Special Topics
- Elective
- Elective

**Senior Year**
Fall

- 1 course from: ITAL 34100 Introduction to Italian Literature from the Middle Ages to the 16th Century, ITAL 34200 Introduction to Italian Literature from the 16th Century to the Present
- 1 course from: ITAL 34600 Petrarch, Boccaccio and the Literature of Humanism, ITAL 34700 16th Century Italian Literature, ITAL 34800 17th and 18th Century Literature, ITAL 34900 The Modern Italian Lyric, ITAL 35000 The Modern Italian Novel, ITAL 35100 The Modern Italian Theatre
- Elective
- Elective
- Elective

Spring

- 1 course from: ITAL 34100 Introduction to Italian Literature from the Middle Ages to the 16th Century, ITAL 34200 Introduction to Italian Literature from the 16th Century to the Present, ITAL 34600 Petrarch, Boccaccio and the Literature of Humanism, ITAL 34700 16th Century Italian Literature, ITAL 34800 17th and 18th Century Literature, ITAL 34900 The Modern Italian Lyric, ITAL 35000 The Modern Italian Novel, ITAL 35100 The Modern Italian Theatre
- Elective
- Elective
- Elective
- Elective

Notes:

- Students who complete the intensive language sequence (ITALIAN 103 and 203) in their first year may move on to the third-year major courses in their sophomore year. Students who complete the intensive intermediate Italian course (ITAL 203) by the end of the Fall semester of their second year may move on to the third-year major courses in the Spring semester of their second year.

Degree Map for Italian Literature

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Italian Literature major. The degree map is a tool to assist you and your adviser in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your adviser. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing
Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research. 
prereq: successful completion of developmental courses, if required 
3 hrs + conf 
3 cr.

ITAL 10100 - Elementary Italian I

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs 
3 cr.

• Math & Quantitative Reasoning
• Scientific World
• Individual & Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000 
3 hrs + one additional conference hour 
3 cr.

ITAL 10200 - Elementary Italian II

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. 
prereq: ITAL 10100 or one yr high school Italian 
3 hrs 
3 cr.

• Individual & Society/ Humanities
• Life and Physical Sciences
• Elective
Sophomore Year

Fall

ITAL 20100 - Intermediate Italian I

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 10200 or 2 yrs high school Italian
3 hrs
3 cr.

• US Experience in Its Diversity
• World Cultures & Global Issues
• Elective
• Elective

Spring

ITAL 20200 - Intermediate Italian II

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ITAL 201 or three yrs high school Italian
3 hrs
3 cr.

• Creative Expression
• Elective
• Elective
• Elective

Junior Year

Fall

• 1 course from: ITAL 31100 Advanced Italian Grammar, ITAL 31200 Advanced Italian Composition, ITAL 33100 Italian Phonetics and Diction
• ITAL 34100 Introduction to Italian Literature from the Middle Ages to the 16th Century
• Hunter Focus: Concentrated Study
• Elective
• Elective

Spring

• ITAL 34200 Introduction to Italian Literature from the 16th Century to the Present
• ITAL 34300 Dante's Vita Nuova and Inferno
• Elective
• Elective
• Elective

Senior Year

Fall

• 1 course from: ITAL 34400 Dante's Purgatorio and Introduction to Paradiso, ITAL 34500 Dante's Paradiso and Major Prose Works
• 2 courses from: ITAL 34600 Petrarch, Boccaccio and the Literature of Humanism, ITAL 34700 16th Century Italian Literature, ITAL 34800 17th and 18th Century Literature, ITAL 34900 The Modern Italian Lyric, ITAL 35000 The Modern Italian Novel, ITAL 35100 The Modern Italian Theatre
• Elective
• Elective

Spring

• 3 courses from: ITAL 34600 Petrarch, Boccaccio and the Literature of Humanism, ITAL 34700 16th Century Italian Literature, ITAL 34800 17th and 18th Century Literature, ITAL 34900 The Modern Italian Lyric, ITAL 35000 The Modern Italian Novel, ITAL 35100 The Modern Italian Theatre
• Elective
• Elective

Notes:

• Students who complete the intensive language sequence (ITAL 10300 and ITAL 20300) in their first year may move on to the third-year major courses in their sophomore year. Students who complete the intensive intermediate Italian course (ITAL 20300) by the end of the fall semester of their second year may move on to the third-year major courses in the spring semester of their second year.
• *See department for availability of Intensive ITAL (ITAL 10300 and ITAL 20300).

Degree Map for Latin

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Latin major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall
ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

LAT 10100 - Beginning Latin 1

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.
3 hrs.
3 cr.
offered fall

- Math & Quantitative Reasoning
- US Experience in its Diversity
- Individual & Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- Scientific World
- Creative Expression
- LAT 10200 Beginning Latin 2 or LAT 10700 Beginning Latin, Intensive
- Elective

Sophomore Year

Fall

LAT 21100 - Latin Reading: Prose
Intermediate-level course in reading Latin prose.

prereq: LAT 10200 or LAT 10700
3 hrs
3 cr.
offered fall

- Life and Physical Sciences
- World Cultures & Global Issues
- Elective
- CLA- prefixed course

Spring

LAT 21200 - Latin Reading: Poetry

Intermediate-level course in reading Latin poetry, usually Virgil or Ovid, in alternating semesters. Offered in the Spring. may be taken twice for credit toward the degree if different authors are read and only with departmental permission. Students who have taken LAT 20100 or LAT 20300 must receive departmental permission to take this course.

prereq: LAT 21100; Not open to students who have taken LAT 20100 or LAT 20300.
3 hrs
3 cr.

- Individual & Society/ Humanities
- CLA prefixed course
- Elective
- Elective

Junior Year

Fall

GRK 10100 - Beginning Ancient Greek 1

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

- LATIN 300 Level Elective
- Hunter Focus: Concentrated Study
- Elective
- Elective

Spring

GRK 10200 - Beginning Ancient Greek 2
Elementary course in grammar, syntax and morphology of Ancient Greek.

prereq: GRK 10100
3 hrs
3 cr.
offered spring
- LATIN 300 Level Elective
- Elective
- Elective
- Elective

Senior Year

Fall
- LATIN 300 Level Elective
- CLA Honors or Elective
- Elective
- Elective
- LATIN 300 Level Elective

Spring
- LATIN 300 Level Elective
- Elective
- Elective
- Elective
- LATIN 300 Level Elective

Notes:
- Only one 300 level Latin course is offered each term.
- Majors must take GRK 101 and 102 for the major and the credits do not count toward the major.
- LAT 107 Intensive Latin covers the first two terms of LAT instruction over the course of one term. These students do not take LAT 101 or LAT 102; LAT 107 is 6 credits.
- LAT and GRK 211 offered fall term only. LAT and GRK 212 offered spring term only.
- It is strongly recommended that you see the Classics Division advisor for clarification if needed. It is strongly recommended that majors take CLA 101, CLA 201, CLA 203 and/or 204 to fulfill electives.
- Students who wish to graduate with honors in the major must take CLA 491.

Degree Map for Mathematics BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Mathematics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently
satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Please note: Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf
3 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

• Foreign Language - Elementary Level 1
• Individual and Society/ Social Sciences
• Life and Physical Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an
emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

**prereq:** grade of C or better in MATH 15000

4 hrs
4 cr.

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**prereq:** MATH 15000

**prereq or coreq:** MATH 15500

2 hrs
1 cr.

- Foreign Language Elementary Level 2
- Creative Expression

**Sophomore Year**

**Fall**

**MATH 25000 - Calculus III**

**GER**
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**prereq:** MATH 15500, MATH 15600

4 hrs
4 cr.

- Foreign Language Intermediate Level 3
- Individual & Society/ Humanities
- US Experience in its Diversity
- World Cultures & Global Issues

**Spring**
MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

prereq: MATH 15600

prereq or coreq: MATH 25000

4 hrs
4 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning

GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

- Scientific World
- Foreign Language Intermediate Level 4
- Elective

Junior Year

Fall

MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.

prereq: MATH 25000, 26000

3 hrs
3 cr.

MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr.
  • Elective
  • Elective
  • Elective

Spring

MATH 26000 - Linear Algebra

GER
3/B
Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

MATH 31100 - Abstract Algebra I

GER
3/B
Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr.

MATH 25500 - Vector Analysis

GER
3/B
Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.
prereq: MATH 25000
3 hrs
3 cr.
  • Elective
  • Elective

Senior Year

Fall

MATH 12600 - Precalculus Technology Laboratory
Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving pre-calculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.

**prereq:** MATH 12400, MATH 12500, or MATH 12550 or appropriate score on placement exam

**prereq or coreq:** MATH 12500

2 hrs

1 cr.

- MATH Elective 300 or 400 Level
- Elective
- Elective
- Elective

**Spring**

- MATH Elective 300 or 400 Level
- MATH Elective 300 or 400 Level
- Elective
- Elective
- Elective

**Notes:**

- *Based on Math Placement Exam
- For students who place below MATH 150, please note the following Math sequence: MATH 101 – MATH 125 – MATH 150. If you begin with MATH 125 Pre-calculus, the Degree Map is shifted by one semester and still allows for completion of the major in 4 years.
- At Math 260, students who do well should inquire with the departmental adviser about the BA/MA program.
- Symbolic Computation Proficiency may also be met by passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)
- Required STAT or MATH elective must be approved by Math advisor
- Please see Math advisor for Actuarial Sequence

**Degree Map for Mathematics: Quantitative Biology**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Mathematics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Please note: Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

**Freshman Year**
Fall

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

- Foreign Language - Elementary Level I
- HCR - Individual and Society : Social Sciences

Spring

MATH 15000 (STEM) - Calculus I
Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better; AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10500 (STEM) - General Chemistry Laboratory II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
Pluralism and Diversity
GER 2/E

Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.
Offered for transfer students who have completed only one semester of General Chemistry Laboratory.
prereq: One semester of General Chemistry Laboratory.
prereq or coreq: CHEM 10400
3 hrs
1.5 cr.

- Foreign Language - Elementary Level II
- MATH 126, MATH 154 or MATH 385

Sophomore Year

Fall

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.

**spring only**

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
**prereq:** grade of C or better in MATH 15000
4 hrs
4 cr.

- HCR - Creative Expression
- HCR - US Experience in its Diversity
- Foreign Language - Intermediate Level I

**Spring**

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**prereq:** CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

**CSCI 13200 - Practical UNIX and Programming, with Lab**

**Hunter Core**
Scientific World (SW)
**GER**
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the
UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.

*prereq: none*

3 hrs

3 cr.

**MATH 25000 - Calculus III**

**GER**

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

*prereq: MATH 15500, MATH 15600*

4 hrs

4 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*

3 hrs

3 cr.

- **Foreign Language - Intermediate Level II**

**Junior Year**

**Fall**

**MATH 25400 - Ordinary Differential Equations**

**GER**

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

*prereq: MATH 25000*

3 hrs

3 cr.

**MATH 26000 - Linear Algebra**
Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

**prereq:** MATH 15600

**prereq or coreq:** MATH 25000

4 hrs

4 cr.

### MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**prereq:** MATH 15000

**prereq or coreq:** MATH 15500

2 hrs

1 cr.

### BIOL 30000 - Biological Chemistry

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10

**prereq:** Open only for majors.

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

**fall only**

- **HCR - US Experience in its Diversity**

### Spring

### MATH 25500 - Vector Analysis

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.

**prereq:** MATH 25000

3 hrs

3 cr.

### CSCI 23200 - Relational Databases and SQL Programming, with Lab

**GER**

3/B
An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.

Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

prereq: CSCI 12700 or CSCI 13200

3 hrs
3 cr.

- HCR - Individual and Society : Humanities
- ELECTIVE
- ELECTIVE

Senior Year

Fall

MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.

prereq: MATH 25000, 26000

3 hrs
3 cr.

STAT 31900 - Bayesian Statistical Inference in the Sciences

GER
3/B


prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.

Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs
3 cr

BIOL 42500 - Computational Molecular Biology

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in
molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

**prereq:** BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

3 hrs
3 cr.

- **HCR - Concentrated Study**
- **ELECTIVE**

**Spring**

**MATH 31100 - Abstract Algebra I**

**GER**

3/B

Introduction to the theory of groups and rings.

**prereq:** MATH 26000

3 hrs

3 cr.

- **HCR - Individual and Society : Social Sciences**
- **ELECTIVE**
- **ELECTIVE**
- **ELECTIVE**

**Degree Map for Media Studies BA (General Media Studies)**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Media Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

**Freshman Year**

**Fall**

**ENGL 12000 - Expository Writing**

**Hunter Core**

English Comp (EC)

**GER**

1/A
Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq:** successful completion of developmental courses, if required

3 hrs + conf
3 cr.

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**

Individual & Society - Humanities (I&S H)

**GER**

2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Scientific World

**Spring**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour
3 cr.

- MEDP 150 / FILMP 150 Media and Film in a Digital Age I
- Foreign Language Elementary Level 2
- Creative Expression
- US Experience in its Diversity

**Sophomore Year**

**Fall**

- MEDP 160 / FILMP 160
- HCR - Life and Physical Sciences
- Foreign Language - Intermediate Level I
- ELECTIVE
• ELECTIVE

Spring

• MEDIA - 200 or 300 Level Analytical Elective
• HCR - Individual and Society : Humanities
• Foreign Language - Intermediate Level II
• ELECTIVE
• ELECTIVE

Junior Year

Fall

• MEDIA - 200 or 300 Level Analytical Elective
• MEDIA/MEDP - 200 or 300 Level Analytical or Production Elective
• HCR - Concentrated Study
• ELECTIVE
• ELECTIVE

Spring

• MEDIA - 200 or 300 Level Analytical Elective
• MEDIA/MEDP - 200 or 300 Level Analytical or Production Elective
• ELECTIVE
• ELECTIVE
• ELECTIVE

Senior Year

Fall

• MEDIA/MEDP - 200 or 300 Level Analytical or Production Elective
• MEDIA/MEDP - 200 or 300 Level Analytical or Production Elective
• ELECTIVE
• ELECTIVE
• ELECTIVE

Spring

• MEDIA/MEDP - 200 or 300 Level Analytical or Production Elective
• MEDIA/MEDP - 200 or 300 Level Analytical or Production Elective
• ELECTIVE
• ELECTIVE
• ELECTIVE
Degree Map for Media Studies: Documentary Production

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Media Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

MEDIA 18000 - Introduction to Media Studies

Hunter Core

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs

3 cr.

- HCR – Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- HCR - Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core

Hunter Core
English Comp (EC)
GER
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

**3 hrs + one additional conference hour**

**3 cr.**

- MEDP 150 / FILMP 150
- Foreign Language - Elementary Level II
- HCR - Creative Expression
- HCR - US Experience in its Diversity

**Sophomore Year**

**Fall**

- MEDP 160 / FILMP 160
- HCR - Life and Physical Sciences
- Foreign Language - Intermediate Level I
- ELECTIVE
- ELECTIVE

**Spring**

**MEDP 28100 - Documentary Video Production 1**

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.

Material Fee: $20

**prereq:** MEDP/FILMP 16000

**3 hrs**

**3 cr.**

- MEDPL 29000 Developing Non-Fiction Media (W)
- HCR - Individual and Society : Humanities
- Foreign Language - Intermediate Level II
- ELECTIVE

**Junior Year**

**Fall**

- MEDP 31100 or MEDPL 31600 or MEDP 28200
- MEDIA 315
- HCR - Concentrated Study
- ELECTIVE
- ELECTIVE
Spring

- MEDIA - Analytical Elective
- MEDP - Production Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Senior Year

Fall

- MEDIA - Analytical Elective
- MEDP - Production Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- MEDP - Production Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

Degree Map for Media Studies: Emerging Media

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Media Studies - Emerging Media major. The Degree Map is a tool to assist you and your adviser in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your adviser. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq:** successful completion of developmental courses, if required

3 hrs + conf

3 cr.

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**

Individual & Society - Humanities (I&S H)

**GER**

2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs

3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Scientific World

**Spring**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour

3 cr.

- MEDP 150 Media and Film in a Digital Age Pt. 1 / FILMP 150 Media & Film in a Digital Age I
- Foreign Language Elementary Level 2
- Creative Expression
- US Experience in its Diversity

**Sophomore Year**

**Fall**

- MEDP 160 Media and Film in a Digital Age Pt. 2 / FILMP 160 Media & Film in a Digital Age Pt. 2
- Life and Physical Sciences
• Foreign Language Level 3
• Elective
• Elective

Spring

• MEDP 200 or 300 Level Production
• MEDP 200 or 300 Level Production
• Individual & Society/ Social Sciences
• Foreign Language Level 4
• Elective

Junior Year

Fall

• MEDP 200 or 300 level Production elective
• MEDP 200 or 300 level Production elective
• MEDIA Analytical Elective
• Concentrated Study
• Elective

Spring

• MEDP 200 or 300 Level Production Elective
• MEDP 200 or 300 Level Production Elective
• MEDIA Analytical Elective
• Elective
• Elective

Senior Year

Fall

• MEDIA Analytical Elective
• Elective
• Elective
• Elective
• Elective

Spring

• Elective
• Elective
• Elective
Degree Map for Media Studies: Media, Analysis & Criticism

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Media Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf
3 cr.

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Level 1
- Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)
**Hunter Core**  
English Comp (EC)  
GER  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.  
*prereq: ENGL 12000*  
3 hrs + one additional conference hour  
3 cr.

- MEDP 150 Media and Film in a Digital Age Pt. 1 / FILMP 150 Media & Film in a Digital Age I  
- Foreign Language Level 2  
- Creative Expression  
- US Experience in its Diversity

**Sophomore Year**

**Fall**

- MEDP 160 Media and Film in a Digital Age Pt. 2 / FILMP 160 Media & Film in a Digital Age Pt. 2  
- Life and Physical Sciences  
- Foreign Language Level 3  
- Elective  
- Elective

**Spring**

- MEDIA 200 or 300 Level Technologies, Industries and Policies  
- Individual & Society/ Social Sciences  
- Foreign Language Level 4  
- MEDIA 200 or 300 Level Media Representations  
- World Cultures & Global Issues

**Junior Year**

**Fall**

- MEDIA 200 or 300 Level Media Representations  
- MEDIA 200 or 300 Level Technologies, Industries and Policies  
- Hunter Focus  
- Elective  
- Elective

**Spring**

- MEDIA 200 or 300 Level Media Representations
• MEDIA 200 or 300 Level News, Politics and Propaganda
• Elective
• Elective
• Elective

Senior Year

Fall

• MEDIA 200 or 300 Level News, Politics and Propaganda
• MEDIA/MEDP 200 Level & Above Analytical or Production Elective
• Elective
• Elective
• Elective

Spring

• MEDIA/MEDP 200 Level & Above Analytical or Production Elective
• Elective
• Elective
• Elective
• Elective

Degree Map for Medical Lab Sciences: Clinical Science BS

Freshman Year

Fall

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**

Scientific World (SW); Life and Physical Sciences (LPS)

**GER**

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)

4 cr.

**MATH 12500 (STEM) - Precalculus**
Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent. 
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

• Foreign Language Elementary Level 1
• Individual and Society/ Social Sciences

Spring

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

CHEM 10400 (STEM) - General Chemistry II
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- FOREIGN LANGUAGE Elementary Level 2

Sophomore Year

Fall

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER 2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
GER 3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy. Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously. Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

- FOREIGN LANGUAGE Elementary Level 3

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
GER 1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam
should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

Spring

- Creative Expression (CE)
- Individual and Society (Humanities) I&S H
- US Experience in Its Diversity (USED)
- FOREIGN LANGUAGE Elementary Level 4
- PHYS 11000 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound

Junior Year

Fall

MLSP 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment.
MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr.

MLSP 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems.
Approximately 3 additional informal lab hours are required weekly.
prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr.
- Individual and Society (Social Sciences) I&S SS

Spring

**MLS 31200 - Human Physiology: Integration and Control**

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.

*prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.*

3 hrs
3 cr.

**MLS 34700 - Human Histology**

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.

*coreq: MLS 31200*

5 hrs (2 lec, 3 lab)
3 cr.

**MLSP 35200 - Clinical Microbiology II**

Continuation of MLSP 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.

*prereq: MLSP 30000, 35100 or equiv.*

5 hrs (2 lec, 3 lab)
4 cr.

**MLSP 35400 - Clinical Biochemistry I: Biomolecules & Metabolism**

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.

*prereq: CHEM 22200*

5 hrs (2 lec, 3 lab)
3.5 cr.

Senior Year

Fall

**MLSP 35500 - Clinical Biochemistry II: Genes to Proteins**

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.

*prereq: MLSP 35400*

5 hrs (2 lec, 3 lab)
3.5 cr.
MLSP 41000 - Professional Practice

Directed full-time experience in clinical, research, public health or other biomedical laboratories. Arranged on an individual basis.

*prereq: departmental permission
8 weeks
3 cr.

MLS 45000 - Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.

*prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr.

- World Cultures & Global Issues (WCGI)

Spring

MLSP 45700 - Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science.

*prereq: perm instr.
2 hrs
3 cr.

MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.

*prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 43000 - Immunohematology

Study of the immunologic properties of blood associated with blood group systems, donor screening, transfusion reactions and hemolytic disease and laboratory techniques used to characterize antigen-antibody reactions.

*prereq: MLSP 34900
3 hrs (2 lec, 1 lab)
3 cr.

PH 33000 - Principles of Epidemiology
Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases. Minimum GPA to enroll - 2.75

**prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.**

3 hrs
3 cr.

**PHILO 25400 - Ethical Issues in Biology and Medical Care (W)**

**GER**
3/B

Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.

**prereq: ENGL 12000**

3 hrs
3 cr.

**SOC 30100 - Medical Sociology**

**GER**
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.

**prereq: SOC 10100**

3 hrs
3 cr.

**MLSP 40000 - Topics in Biomedical Sciences**

Topics vary from semester to semester and are announced before registration.

1-3 hrs
1-3 cr.

**Notes:**

- Students who do not place into MATH 125 should begin with MATH 101 Algebra. The sequence is as follows – MATH 101 – MATH 125 – MATH 150 -MATH 155. If you begin with MATH 101, the Degree Map is shifted by one semester and still allows for completion of the major in 4 years.

- BIOL 100 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

  BIOL 100 and 102 may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.

  MLSP 410 requires departmental permission

  MLSP 457 requires permission from an instructor
Degree Map for Medical Laboratory Sciences: Biomedical Science

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Medical Laboratory Sciences-Biomedical Science major. The Degree Map is a tool to assist you and your adviser in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your adviser. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
**GER**
**2/E**

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
**1/B**

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
Spring

BIOL 10000 (STEM) - Principles of Biology I

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.

CHEM 10400 (STEM) - General Chemistry II

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)

**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better*

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200*

*coreq: CHEM 10400*
ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- Foreign Language Elementary Level 2

Sophomore Year

Fall

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

• Foreign Language Elementary Level 3

Spring

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

• Creative Expression
• Individual & Society/ Humanities
• US Experience in Its Diversity
• Foreign Language Intermediate Level 4

Junior Year

Fall

MLSP 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment.
MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr.
MLSP 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.

prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.

prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.

prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr.

- Individual & Society/ Social Sciences

Spring

MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.

prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr.

MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.

coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35200 - Clinical Microbiology II

Continuation of MLSP 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.

prereq: MLSP 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.
MLSP 35400 - Clinical Biochemistry I: Biomolecules & Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.

_prereq:_ CHEM 22200

5 hrs (2 lec, 3 lab)

3.5 cr.

Senior Year

Fall

MLSP 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.

_prereq:_ MLSP 35400

5 hrs (2 lec, 3 lab)

3.5 cr.

MLS 45000 - Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.

_prereq:_ MLS 35100

coreq: MLS 34700, 35200

5 hrs (2 lec, 3 lab)

4 cr.

- World Cultures & Global Issues
- Elective

Spring

MLSP 45700 - Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science.

_prereq:_ perm instr.

2 hrs

3 cr.

MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.

_prereq:_ MLS 34900, 35100

coreq: MLS 35200, 35400
**PH 33000 - Principles of Epidemiology**

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases. Minimum GPA to enroll - 2.75

_prereq:_ Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.

3 hrs

- Electives (3-4 cr.)

**Notes:**

- Students who do not place into MATH 12400 (STEM), MATH 12500 (STEM), MATH 12550 (STEM) or above should begin with MATH 10100 Algebra. The sequence is as follows – MATH 10100 – MATH 12400 (STEM), MATH 12500 (STEM), MATH 12550 (STEM), MATH 15000 (STEM), MATH 15500 (STEM). If you begin with MATH 10100, the Degree Map is shifted by one semester and still allows for completion of the major in 4 years.

- BIOL 10000 (STEM) is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

- BIOL 10000 (STEM) and BIOL 10200 (STEM) may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.

- MLSP 41000 requires departmental permission
- MLSP 45700 requires permission from an instructor

**Degree Map for Music 25 Credit**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Music major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

**Freshman Year**

**Fall**

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs

1 cr.
MUSPF 21300 - Piano I

Basic piano techniques, scales and chords, exercises, simple pieces, and sight-reading.
prereq: declared music major or perm dept.
2 hrs
1 cr.

MUSHL 10100 - A Thousand Years of Listening

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1

Spring

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr.

MUSPF 21400 - Piano II

Continuation of MUSPF 21300.
prereq: MUSPF 21300 or perm dept.
2 hrs
1 cr.
MUSHL 10100 - A Thousand Years of Listening

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- Individual & Society/ Social Sciences
- Foreign Language Elementary Level 2
- Life and Physical Sciences

Sophomore Year

Fall

MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall
- Individual & Society/ Humanities
- Creative Expression
- Foreign Language Intermediate Level 3

Spring

MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

MUSTH 23100 - Musicianship II

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr.
offered spring
- Scientific World
- US Experience in its Diversity
- Foreign Language Level 4

Junior Year

Fall

MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

MUSHL 20500 - Music History I

Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.

**prereq:** elementary knowledge of music history and literature, demonstrated by dept. exam

**coreq:** MUSHL 20100

**prereq or coreq:** MUSTH 22000, 23000, ENGL 12000, perm dept.

3 hrs

3 cr.

offered fall

- Elective
- Elective
- Elective

Spring

**MUSHL 20600 - Music History II (W)**

**Pluralism and Diversity**

**PD/D**

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.

**prereq:** MUSHL 20100, 20500, ENGL 12000

**prereq or coreq:** MUSTH 22100, 23100

3 hrs

3 cr.

offered spring

- Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- MUSHL 30500 Music History III (W)
  - Elective
  - Elective
  - Elective
  - Elective

Spring

- MUSHL 30600 Music History IV (W) -or- MUSHL 300 level equivalent -or- MUSHL 35200 Introduction to Ethnomusicology I (W)
  - Elective
  - Elective
  - Elective
  - Elective
Degree Map for Music 42 Credit

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Music major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

MUSPF 21300 - Piano I

Basic piano techniques, scales and chords, exercises, simple pieces, and sight-reading.  
prereq: declared music major or perm dept.  
2 hrs  
1 cr.

MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor.  
Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.  
May be taken 8 times.  
prereq: perm dept.  
1 hr  
1 cr.

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.  
3 hrs  
1 cr.  
- Math & Quantitative Reasoning  
- Foreign Language Elementary Level 1  
- Pre-major history if needed: MUSHL 10100 A Thousand Years of Listening

ENGL 12000 - Expository Writing

Hunter Core  
English Comp (EC)  
GER  
1/A
Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq:** successful completion of developmental courses, if required

3 hrs + conf

3 cr.

**Spring**

**MUSPF 21400 - Piano II**

Continuation of MUSPF 21300.

**prereq:** MUSPF 21300 or perm dept.

2 hrs

1 cr.

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs

1 cr.

**MUSPF 40100 - Individual Instruction in Instrument or Voice**

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

**prereq:** perm dept.

1 hr

1 cr.

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour

3 cr.

- Pre-major theory if needed: MUSTH 10100 Music Theory Fundamentals
- Individual and Society/Social Sciences
- Foreign Language Elementary Level 2
Sophomore Year

Fall

- MUSPF xx – ensemble chosen in consultation with music advisor

**MUSPF 40100 - Individual Instruction in Instrument or Voice**

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

*prereq: perm dept.*

1 hr

1 cr.

**MUSTH 22000 - Music Theory I**

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

*prereq: ability to read music as demonstrated by dept. exam, perm dept.*

*coreq: MUSTH 23000*

3 hrs

3 cr.

offered fall

**MUSTH 23000 - Musicianship I**

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

*coreq: MUSTH 22000*

3 hrs

2 cr.

offered fall

- Individual & Society/ Humanities
- Creative Expression
- Foreign Language Level 3

Spring

- MUSPFxx - choice of ensemble

**MUSPF 40100 - Individual Instruction in Instrument or Voice**

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this
course. Jury examination required. The jury examination following the second and subsequent semesters of private
lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.
May be taken 8 times.

prereq: perm dept.
1 hr
1 cr.

MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

MUSTH 23100 - Musicianship II

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr.
offered spring

MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.
prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

• Scientific World
• US Experience in its Diversity
• Foreign Language Level 4

Junior Year

Fall

MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals,
scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing
issues specific to music.
coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall
MUSHL 20500 - Music History I

Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
ofered fall

MUSTH 32000 - Music Theory III

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr.
ofered fall

MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.
ofered fall

MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.
prereq: perm dept.
1 hr
1 cr.
  • MUSPF xx –choice of ensemble
  • Elective
  • Elective

Spring

MUSHL 20600 - Music History II (W)
Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

MUSTH 32100 - Music Theory IV

Continuation of MUSTH 32000.
prereq: MUSTH 32000
3 hrs
3 cr.
- MUSTH 300-level equivalent

MUSTH 33100 - Musicianship IV

Continuation of MUSTH 33000.
prereq: MUSTH 33000
coreq: MUSTH 32100
3 hrs
2 cr.
offered spring
- Elective
- Life and Physical Sciences
- Elective

Senior Year

Fall
- MUSHL 30500 Music History III (W)
- MUSPF 40100 Individual Instruction in Instrument or Voice
- MUSPF xx – choice of ensemble
- MUSPF xx – choice of ensemble
- Elective
- Elective

Spring
- MUSHL 30600 Music History IV (W) -or- MUSHL 300 level elective or *MUSHL 35300 Introduction to Ethnomusicology II (W)
- Elective
- Elective
- Elective
Degree Map for Music 60 cr. BMus

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Music major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr.

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr.

MUSHL 10100 - A Thousand Years of Listening

Hunter Core
Creative Expression (CE)

Pluralism and Diversity
PD/D

GER
2/D

For non-majors. Selected compositions primarily from the European tradition studied with aim to develop perceptive listening.
3 hrs
3 cr.

MUSPF 21300 - Piano I

Basic piano techniques, scales and chords, exercises, simple pieces, and sight-reading.
prereq: declared music major or perm dept.
2 hrs
1 cr.
• Math & Quantitative Reasoning
• Life and Physical Sciences
• Foreign Language Level 1

Spring

MUSPF 43100 - Individual Instruction in Instrument or Voice

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.
prereq: perm dept.
1 hr
3 cr.

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr.

MUSPF 21400 - Piano II

Continuation of MUSPF 21300.
prereq: MUSPF 21300 or perm dept.
2 hrs
1 cr.

MUSTH 10100 - Music Theory Fundamentals

Hunter Core
Creative Expression (CE)
GER
2/D

For non-majors. Introduction to music theory, sight singing, and ear training.
3 hrs
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and
appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

*3 hrs + one additional conference hour*

*3 cr.*

- Individual & Society/ Social Sciences
- Foreign Language Level 2

**Sophomore Year**

**Fall**

**MUSPF 43100 - Individual Instruction in Instrument or Voice**

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required. May be taken 8 times.

**prereq:** perm dept.

*1 hr*

*3 cr.*

**MUSTH 22000 - Music Theory I**

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

**prereq:** ability to read music as demonstrated by dept. exam, perm dept.

**coreq:** MUSTH 23000

*3 hrs*

*3 cr.*

**offered fall**

**MUSTH 23000 - Musicianship I**

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

**coreq:** MUSTH 22000

*3 hrs*

*2 cr.*

**offered fall**

- MUSPF choice of ensemble — students must be in an ensemble in every semester in which they are given private lessons
- Foreign Language Level 3
- Individual & Society/ Humanities

**Spring**

**MUSPF 43100 - Individual Instruction in Instrument or Voice**

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.

*prereq: perm dept.*

1 hr

3 cr.

**MUSTH 20100 - Introduction to Music Technology**

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.

*prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.*

1 hr

1 cr.

offered spring

**MUSTH 22100 - Music Theory II**

Continuation of MUSTH 22000.

*prereq: MUSTH 22000*

*coreq: MUSTH 23100*

3 hrs

2 cr.

offered spring

**MUSTH 23100 - Musicianship II**

Continuation of MUSTH 23000.

*prereq: MUSTH 23000*

*coreq: MUSTH 22100*

3 hrs

2 cr.

offered spring

- MUSPF – choice of ensemble
- Scientific World
- Foreign Language Level 4

**Junior Year**

**Fall**

**MUSPF 43100 - Individual Instruction in Instrument or Voice**

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.

May be taken 8 times.

*prereq: perm dept.*

1 hr

3 cr.

**MUSHL 20100 - Introduction to Music Research**
Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

**MUSHL 20500 - Music History I**

**Pluralism and Diversity**
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
offered fall

**MUSTH 32000 - Music Theory III**

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr.
offered fall

**MUSTH 33000 - Musicianship III**

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
coreq: MUSTH 32000
3 hrs
2 cr.
offered fall
  - Elective

**Spring**

**MUSHL 20600 - Music History II (W)**

**Pluralism and Diversity**
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
MUSTH 32100 - Music Theory IV

Continuation of MUSTH 32000.
prereq: MUSTH 32000
3 hrs
3 cr.

MUSTH 33100 - Musicianship IV

Continuation of MUSTH 33000.
prereq: MUSTH 33000
coreq: MUSTH 32100
3 hrs
2 cr.
offered spring

- US Experience in Its Diversity (USED)
- Creative Expression (CE)

Senior Year

Fall

- MUSHL 30500 - Music History III (W)
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- MUSPF 43100 - Individual Instruction in Instrument or Voice + graduation recital
- MUSPFxxx - choice of ensemble
- MUSHL 30600 - Music History IV (W) -or- MUSHL 300-level equivalent
- MUSHL 35200 - Introduction to Ethnomusicology I (W)
- ELECTIVE
- ELECTIVE
- ELECTIVE

Notes:

* determined by experience and placement test.
Degree Map for Nursing-Accelerated 2nd Degree BS

This program is designed for students who have a baccalaureate degree in another field and wish to transition into a career in nursing. The program is intensive; students receive a Bachelor of Science degree with a major in Nursing in 18 months provided they have met all general education requirements. The Accelerated 2nd Degree Program is a full-time program that includes weekends, daytime and evening classes.

First Year of Program

Fall

**NURS 20000 - Introduction to Nursing**

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.

RN to BS only: online

_prereq:_ CHEM 10000/10100; STAT 11300
_coreq:_ Generic Pathway: NURS 24000
_Accelerated 2nd Degree:_ NURS 21000; NURS 22000; NURS 33100

30 hrs

2 cr.

_offered fall

**NURS 21000 - Nursing Fundamentals and Health Assessment**

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.

Material fee: $50.00

_prereq:_ (Generic) BIO 12000, NURS 20000, NURS 24000
_coreq:_ (A2D) CHEM 10000/10100; STAT 11300

(A2D): NURS 20000; NURS 22000; NURS 33100

30 hrs Lecture; 30 hrs Health Assessment Lab; 45 hrs Clinical

4 cr.

**NURS 22000 - Adult Health and Illness**

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utilization of the nursing process, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experimental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00
NURS 33100 - Pharmacology I

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.

prereq: 1. Generic Program: NURS 21000, NURS 34300, BIO 12200
2. Accelerated 2nd Degree: CHEM 10000/10100, STAT 11300

coreq: 1. Generic Program: NURS 33100
2. Accelerated 2nd Degree: NURS 20000, NURS 21000, NURS 33100

22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs Clinical
4 cr.

Winter

NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.

prereq: (Generic and A2D) NURS 22000, NURS 33100

coreq: (generic) NURS 35200, NURS 36000
(A2D) NURS 34300, NURS 35200, NURS 36000
3 hrs
3 cr.

Spring

NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000, NURS 20000, NURS 24000
2. Accelerated 2nd Degree: BIO 12200, BIO 23000, NURS 21000

coreq: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200, NURS 36000
45 hrs
3 cr.

NURS 35200 - Nursing Care of Women and Childbearing Families
The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.

prereq: (generic & A2D) NURS 22000; NURS 33100
coreq: (Generic ) NURS 33900; NURS 36000
(A2D) NURS 33900, NURS 34300; NURS 36000
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

**NURS 36000 - Nursing Care of Infants, Children, and Adolescents**

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.

prereq: NURS 22000; NURS 33100 (generic & A2D)
coreq: (Generic) NURS 33900; NURS 35200
(A2D) NURS 33900, NURS 34300; NURS 35200
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical
4 cr.

**NURS 38000 - Nursing Research and Theory**

Introduction to theory development and research in nursing.

For RN to BS only: online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs
3 cr.

**Summer**

**NURS 45500 - Public Health Nursing**

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.

prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 46000
(A2D) NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.

**NURS 46000 - Mental and Behavioral Health Nursing**

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.

Material fee: $25.00

prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 45500
(A2D) NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

Second Year of Program

**Fall**

**NURS 42000 - Nursing Leadership and Ethics**

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
3 hrs

3 cr.

**NURS 47000 - Adult Acute Illness/ Immersion Clinical**

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and/or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.

prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000; NURS 49000; NURS 49200
22.5 hrs: Lecture; 112.5 hrs: Clinical
4 cr.

**NURS 49000 - Gerontological Nursing**
This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with interdisciplinary health teams.

**prereq:** NURS 45500; NURS 46000  
**coreq:** (Generic) NURS 42200; NURS 47000; NURS 49200  
(A2D) NURS 42000; NURS 47000; NURS 49200  
30 hrs: Lecture; 90 hrs: Clinical  
4 cr.

**NURS 49200 - Advanced Synthesis of Nursing Knowledge**

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.

**prereq:** (generic) NURS 33900, NURS 34900, NURS 45500, NURS 46000  
(A2D) NURS 33900, NURS 45500, NURS 46000 (A2D)  
**coreq:** (Generic) NURS 42200; NURS 47000; NURS 49000  
(A2D) NURS 42000; NURS 47000; NURS 49000  
22.5 hrs: Lecture, 30 hrs: Lab  
2 cr.

**Notes:**

- Accelerated Second Degree Nursing students are exempted from the Hunter Core Requirement.
- Entrance to major is Fall semester only via application.

**Degree Map for Nutrition and Food Science**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Nutrition and Food Science major. The degree map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) and elective classes may be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the degree map to fit your situation. Consult with your adviser about the best path for you.

**Freshman Year**

**Fall**
ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry.
Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.

prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 10100 - Inquiries into the Nature of Matter

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students.
Primarily for nursing, nutrition and food science and public health students.

3 hrs
3 cr.

- HCR - Individual and Society : Humanities
- Foreign Language - Elementary Level I

Spring

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab)
1.5 cr.

- HCR - English Composition
- STAT 113 or STAT 213
- Foreign Language - Elementary Level II
- PSYCH 100 or Higher

Sophomore Year

Fall

BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
fall only

NFS 13100 - Food Science I

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.

3 hrs
3 cr.

- HCR - US Experience in its Diversity
- HCR - Creative Expression
- Foreign Language - Intermediate Level I

Spring

BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, excretory, endocrine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7 hrs (3 hr Lecture, 1 hr Recitation, 3 hr Lab)
4.5 cr.
spring only

BIOL 23000 - Fundamentals of Microbiology

GER
3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.
Not accepted for credit toward the biology Major I.
prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

NFS 14100 - Nutrition

Hunter Core
Scientific World (SW)
Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr.

- ECO 100 or ECO 201
- Foreign Language - Intermediate Level II

Junior Year

Fall

NFS 33300 - Nutrition Education
Introduction to the theories and principles of the teaching-learning process in the field of nutrition.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 33500 - Institutional Management

Overview of the theories, functions and tasks of management. Discussion of labor and effective methods for directing an operation with applications drawn from food service.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 43500 - Food Service Systems

The organization and administration of a food service operation from the systems approach on the tactical and strategic level, stressing learning activities and competencies required by the American Dietetic Association.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 44100 - Community Nutrition

Analysis of nutrition services, legislation and policy; role and function of community nutritionists; nutrition education in a community setting.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

Spring

NFS 34200 - Nutrition and Human Development

Nutritional needs throughout the life cycle: pregnancy, infancy, childhood, adolescence, adulthood and later years.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

NFS 40200 - Seminar in Nutrition and Food Science

Research in nutrition and food science; examination of professional goals.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
NFS 44351 - Practicum in Nutrition and Food Science

Practicum in institutions, agencies, business and research firms; projects. Open to NFS majors only and need department permission.

**prereq:** NFS 13100, 14100

7 hrs (1 lec, 6 lab)

3 cr.

PH 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.

Minimum GPA to enroll - 2.75

**prereq:** Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.

3 hrs

3 cr.

Senior Year

Fall

- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE (1.5 credits)

Degree Map for Philosophy BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Religion major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.
Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required
*3 hrs + conf
*3 cr.

PHILO 10100 - Introduction to Philosophy

Hunter Core
Individual and Society (Humanities) - I&S H
GER
2/C

Examination of basic philosophical questions through study of selected philosophical classics.

*prereq or coreq: ENGL 12000
*3 hrs
*3 cr.
offered each semester

• Math & Quantitative Reasoning
• Foreign Language Level 1
• US Experience in Its Diversity

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000
*3 hrs + one additional conference hour
*3 cr.

PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)
Pluralism and Diversity
PD/D
GER
3/A

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 17000 - Introduction to Logic and Scientific Method

Hunter Core
Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr.
- Foreign Language Level 2
- Scientific World

Sophomore Year

Fall

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
- Foreign Language Level 3
- Individual & Society/ Humanities
Spring

PHILO 31800 - Revolutions in Modern Philosophy (W)

**Pluralism and Diversity**
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

_prereq: ENGL 12000 and two previous courses in philosophy_

3 hrs
3 cr.

- World Cultures & Global Issues
- Foreign Language Level 4
- PHILO 36000, PHILO 36200, PHILO 36400, PHILO 37800, PHILO 37900
- Creative Expression

Junior Year

Fall

PHILO 38000 - Major Figures in Philosophy (W)

GER
3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:
PHILO 38010 Plato (W)
PHILO 38011 Aristotle (W)
PHILO 38020 Plotinus (W)
PHILO 38063 Hume (W)
PHILO 38068 Kant (W)
PHILO 38070 Hegel (W)
PHILO 38076 Marx (W)
PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)

_prereq: Two courses in philosophy, at least one of which is at the 200 level._

3 hrs
3 cr.

- Philosophy Elective
- Elective
- Elective
• Elective

**Spring**

• Philosophy Elective
• Elective
• Elective
• Elective

**Senior Year**

**Fall**

• Philosophy Elective
• Elective
• Elective
• Elective

**Spring**

• Elective
• Elective
• Elective
• Elective

**Notes:**

• Chosen in consultation with an advisor. Students are required to select at least one course (3 cr.) at the 300-level. In addition, they are encouraged to select courses that acquaint them with philosophic traditions other than the dominant Western ones.

**Degree Map for Physics Option 1**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Physics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.
Freshman Year

Fall

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.*

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. 
*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.*

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
*prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.*

**PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**
Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

Spring

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.
PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
Prereq: PHYS 11000 or 11100
Prereq or Coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

Sophomore Year

Fall

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
Prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

PHYS 23500 - Modern Physics Laboratory

GER
3/B

Selected experiments of quantum physics and optics. Experiments may include nuclear half-life, microwave diffraction, Bragg scattering of x-rays, nuclear multichannel scintillation, Franck-Hertz quantum levels, Millikan oil drop. Error analysis techniques including Gauss and Poisson distributions and correlation of data. Programming for data analysis.
Prereq: PHYS 12000 or 12100
4 hrs
2 cr.

PHYS 33500 - Intermediate Mechanics

Study of laws of motion and coordinate systems; introduction to powerful analytical techniques.
Prereq: PHYS 12000 or 12100
Prereq or Coreq: MATH 25000
MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

Spring

PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr.

PHYS 23000 - Classical Physics Laboratory

GER
3/B

Selected experiments of mechanics, electricity/magnetism, and thermodynamics. Experiments may include driven oscillator resonance, coupled oscillators, liquid nitrogen heat of vaporization, Fourier analysis/filtering, ferromagnetic hysteresis, and the nonlinear pendulum period. Elementary error analysis techniques and computer software for data analysis/graphing.
prereq: PHYS 12000 or 12100
4 hrs
2 cr.

MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr.

- Foreign Language Elementary Level 1
- US Experience in Its Diversity

Junior Year
Fall

PHYS 33400 - Intermediate Electricity and Magnetism

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.
*prereq: PHYS 12000 or 12100
*prereq or coreq: MATH 25000
4 hrs
4 cr.

PHYS 22200 - Electronics Laboratory

GER
3/B

Experiments are performed with passive devices (capacitors, inductors, resistors) and active devices (diodes, transistors). A variety of transistor amplifier and oscillator circuits are studied as well as integrated circuit applications.
*prereq: PHYS 22100
4 hrs
2 cr.

PHYS 22100 - Electronics

GER
3/B

*prereq: PHYS 12000 or PHYS 12100
4 hrs
4 cr.
  • Foreign Language Elementary Level 2
  • Individual and Society/ Social Sciences

Spring

• Elective
• Foreign Language Intermediate Level 3
• Individual and Society/ Humanities
• Elective
• Elective

Senior Year

Fall

• Foreign Language Intermediate Level 4
• Creative Expression
Elective
Elective
Elective

Spring

World Cultures & Global Issues
Elective
Elective (If needed)
Elective (If needed)

Notes:

- For students who place below MATH 150, please note the following Math sequence: MATH 101 – MATH 12550 – MATH 150. If you start MATH 125 Precalculus, the degree map is shifted by one semester and still allows for completion of the major in 4 years
- For students planning to prepare for teaching, he or she should take ASTRO 101, GEOL 100 and BIOL 100 as well as those required for secondary education.

Degree Map for Romance Languages BA (Spanish and French)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Romance Language (Spanish and French) major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

- ENGL 12000 Expository Writing
- Math & Quantitative Reasoning
- SPAN 10100 Elementary Spanish I -or- SPAN 10300 Intensive Elementary Spanish -or- SPAN 10500 Basic Reading and Writing for Native Speakers of Spanish (Note: Students opting for Intensive 6 cr. Option would postpone SW and M&QR for the following semester.)
- FREN 10100 Elementary French I -or- FREN 10300 Intensive Elementary French (Note: Students opting for Intensive 6 cr. Option would postpone SW and M&QR for the following) semester.
- Scientific World

Spring

- ENGL 22000 Introduction to Writing about Literature (W)
• Life and Physical Sciences
• SPAN 10200 Elementary Spanish II -or- SPAN 20300 Intensive Intermediate Spanish -or- SPAN 10600 Oral
  and Written Skills for Native Speakers of Spanish (Note: Students opting for Intensive 6 cr. Option would
  postpone LIPS and I&S/H for the following semester.)
• Individual & Society/ Humanities
• FREN 10200 Elementary French II -or- FREN 20300 Intensive Intermediate French (Note: Students opting
  for Intensive 6 cr. Option would postpone LIPS and I&S/H for the following semester.)

Sophomore Year

Fall

SPAN 20100 - Intermediate Spanish I

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr.

FREN 20100 - Intermediate French I

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100,
20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four
and a course for students who use French as a heritage language.
prereq: FREN 10200 or two yrs high school French
3 hrs
3 cr.

• US Experience in Its Diversity
• Creative Expression

Spring

• SPAN 20200 Intermediate Spanish II -or- SPAN 20800 Advanced Spanish for Native Speakers
• World Cultures & Global Issues
• Life and Physical Sciences
• FREN 20200 Intermediate French II
• Individual & Society/ Social Sciences

Junior Year

Fall

• SPAN 34100 Introduction to Hispanic Literature I
• FREN 34100 Survey of French Literature from the Middle Ages to the End of the 17th Century
• One course in Advanced Literature in SPAN (See online catalog for titles)
• One course in Advanced Literature in FREN (See online catalog for titles)
• Elective

Spring

• SPAN 34200 Introduction to Hispanic Literature II
• FREN 34200 Survey of French Literature from the 18th Century to the Modern Period
• One course in Advanced Literature in SPAN (See online catalog for titles)
• One course in Advanced Literature in FREN (See online catalog for titles)
• Elective

Senior Year

Fall

• One course in Advanced Literature in SPAN (See online catalog for titles)
• Elective
• One course in Culture and Translation in SPAN (See online catalog for titles)
• Elective
• Elective

Spring

• One course in Advanced Literature in FREN (See online catalog for titles)
• Elective
• One course in Culture and Translation in FREN (See online catalog for titles)
• Elective
• Elective

Notes:

• Students interested in Study Abroad should speak with Professor Schinaider about the Spanish Department's summer program in Madrid, Spain, and the January program in Argentina. This program carries a minimum of 6 credit hours that may be applied to the major and 3 that will count as elective credits.
• *See department for availability of Intensive (FREN 103 and FREN 203).
• If you decide to major in Romance Languages, you will be REQUIRED speak with an advisor for EACH discipline.

Degree Map for Romance Languages BA (Spanish and Italian)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Romance Language (Spanish and Italian) major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are
encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

SPAN 10100 - Elementary Spanish I

Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

ITAL 10100 - Elementary Italian I

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

• Math & Quantitative Reasoning
• Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour

3 cr.

**SPAN 10200 - Elementary Spanish II**

Language lab mandatory.

Spanish for English speakers.

**prereq:** SPAN 10100 or one yr high school Spanish

3 hrs

3 cr.

**ITAL 10200 - Elementary Italian II**

Language lab.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 10100 or one yr high school Italian

3 hrs

3 cr.

• Life and Physical Sciences

• Individual & Society/ Humanities

**Sophomore Year**

**Fall**

**SPAN 20100 - Intermediate Spanish I**

Language lab mandatory.

Spanish for English speakers.

**prereq:** SPAN 10200 or two yrs high school Spanish

3 hrs

3 cr.

• US Experience in Its Diversity

• Creative Expression

**ITAL 20100 - Intermediate Italian I**

Language lab mandatory.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 10200 or 2 yrs high school Italian

3 hrs

3 cr.
Spring

SPAN 20200 - Intermediate Spanish II

Language lab mandatory.
Spanish for English speakers.

*prereq: SPAN 20100 or three yrs high school Spanish*

3 hrs
3 cr.

- World Cultures & Global Issues
- Life and Physical Sciences
- ITAL 20200 Intermediate Italian II
- Individual and Society (Social Sciences)

Junior Year

Fall

SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.

*prereq or coreq: SPAN 31100 or dept. perm*

3 hrs
3 cr.

ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

GER
3/A

Selections from Dante to Ariosto.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: ITAL 20200*

3 hrs
3 cr.

- One course in Advanced Literature in SPAN (See online catalog for titles)
- One course in Advanced Literature in ITAL (See online catalog for titles)
- Elective

Spring
SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr.

ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present

Pluralism and Diversity
GER 3/A PD/D
Selections from Tasso to contemporary writers.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 20200
3 hrs
3 cr.

• One course in Advanced Literature in SPAN (See online catalog for titles)
• One course in Advanced Literature in ITAL (See online catalog for titles)
• Elective

Senior Year

Fall

• One course in Advanced Literature in SPAN (See online catalog for titles)
• Elective
• One course in Culture and Translation in SPAN (See online catalog for titles)
• Elective
• Elective

Spring

• One course in Advanced Literature in ITAL (See online catalog for titles)
• Elective
• One course in Culture and Translation in ITAL (See online catalog for titles)
• Elective
• Elective

Notes:
• Students interested in Study Abroad should speak with Professor Schinaider about the Spanish Department’s summer program in Madrid, Spain, and the January program in Argentina. This program carries a minimum of 6 credit hours that may be applied to the major and 3 that will count as elective credits.
• *See department for availability of Intensive (ITAL 103 and ITAL 203).
• If you decide to major in Romance Languages, you will be REQUIRED speak with an advisor for EACH discipline.

Degree Map for Russian Language

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Russian major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

RUSS 10100 - Elementary Russian

The course introduces students to elementary reading, speaking, listening and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 10300. For details about credit policy, please see Language Proficiency Requirement.
prereq: By departmental permission only.
2 sems, 3 hrs
3 cr. each sem.
• Math & Quantitative Reasoning
• Scientific World
• Individual & Society/ Social Sciences
Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.

2 sems, 3 hrs
3 cr. each sem.

• Individual and Society/ Humanities
• Life and Physical Sciences
• Elective

Sophomore Year

Fall

RUSS 20100 - Intermediate Russian I

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.

prereq: RUSS 10200 or 10300
3 hrs
3 cr.

• US Experience in Its Diversity
• Elective
• Elective
• Elective

Spring

RUSS 20200 - Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.

prereq: RUSS 20100
3 hrs
3 cr.

• Creative Expression
• Elective
• Elective
• Elective

Junior Year

Fall

• 1 course from RUSS 301-302, 312-315, 317-319, 370 or 498 (See online catalog for titles)
• 1 course from RUSS 155-158, 245-246, 256 (See note below for specific information) (See online catalog for titles)
• Elective
• Elective
• World Cultures & Global Issues

Spring

• RUSS 301-302, 312-315, 317-319, 370 or 498 (See online Catalog for titles)
• RUSS 155-158, 245-246, 256 (See note below for specific information) (See online catalog for titles)
• Elective
• Elective
• Elective

Senior Year

Fall

• RUSS 301-302, 312-315, 317-319, 370 or 498 (See online catalog for titles)
• Elective
• Elective
• Elective
• Elective

Spring

• RUSS 301-302, 312-315, 317-319, 370 or 498 (See online catalog for titles)
• Elective
• Elective
• Elective
• Elective

Notes:
• Russian language sequence requires students to take 6 CREDITS IN LITERATURE AND CULTURE courses. One of the courses must be a 300-level literature course or a Special Topics course conducted in Russian (all 245 and 246 courses). The other course can be a culture or a literature course in English, including Russ-155; Russ-156; Russ-157; Russ-158; all of 200-level literature courses, including Special Topics courses in English (all 256 courses for 3 credits); or Russ-37003 (Independent Study for 3 credits) by permission of the program head.
• *See department for availability of Intensive (RUSS 103 and RUSS 203).
• Students who are exempt from the language requirement through proficiency testing or by permission of the program head are required to take 18 credits in 300-level language courses including 49803 (Internship).

Degree Map for Russian Language & Culture

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Russian major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)

GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

RUSS 10100 - Elementary Russian

The course introduces students to elementary reading, speaking, listening and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 10300. For details about credit policy, please see Language Proficiency Requirement.
prereq: By departmental permission only.
2 sems, 3 hrs
3 cr. each sem.

• Math & Quantitative Reasoning
• Scientific World
Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

RUSS 10200 - Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.
2 sems, 3 hrs
3 cr. each sem.

• Individual & Society/ Humanities
• Life and Physical Sciences
• Elective

Sophomore Year

Fall

RUSS 20100 - Intermediate Russian I

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.
prereq: RUSS 10200 or 10300
3 hrs
3 cr.

• US Experience in Its Diversity
• Elective
• Elective
• Elective

Spring

RUSS 20200 - Intermediate Russian II
Selected readings in Russian literature. Practice in oral and written expression.

**prereq:** RUSS 20100

*3 hrs
3 cr.*

- Creative Expression
- Elective
- Elective
- Elective

**Junior Year**

**Fall**

- 1 course from: RUSS 301-302, 312-315, 317-319, 370 or 498 (3 credits) (See online catalog for titles)
- 1 course from: RUSS 155-158, 245-246, 256 (See note below for specific information)(See online catalog for titles)
- Elective
- Elective
- World Cultures & Global Issues

**Spring**

- 1 course from: RUSS 301-302, 312-315, 317-319, 370 or 498 (See online Catalog for titles)
- 1 course from: RUSS 155-158, 245-246, 256 (See note below for specific information)(See online catalog for titles)
- Elective
- Elective
- Elective

**Senior Year**

**Fall**

- 1 course from: RUSS 155-158, 245-246, 256 (See note below for specific information)(See online catalog for titles)
- Elective
- Elective
- Elective
- Elective

**Spring**

- RUSS 155-158, 245-246, 256 (See note below for specific information) (3 credits) (See online catalog for titles)
- Elective
- Elective
Notes:

- Russian language sequence requires students to take 12 CREDITS IN LITERATURE AND CULTURE courses. One of the courses must be a 300-level literature course or a Special Topics course conducted in Russian (all 245 and 246 courses). The other course can be a culture or a literature course in English, including Russ-155; Russ-156; Russ-157; Russ-158; all of 200-level literature courses, including Special Topics courses in English (all 256 courses for 3 credits); or Russ-37003 (Independent Study for 3 credits) by permission of the program head.
- *See department for availability of Intensive (RUSS 103 and RUSS 203).
- Students who are exempt from the language requirement through proficiency testing or by permission of the program head are required to take 18 credits in 300-level language courses including 49803 (Internship).

Degree Map for Russian Translation

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Russian Translation major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

**Hunter Core**
English Comp (EC)
**GER**
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

RUSS 10100 - Elementary Russian

The course introduces students to elementary reading, speaking, listening and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should
instead enroll in RUSS 10300. For details about credit policy, please see Language Proficiency Requirement.  

**prereq:** By departmental permission only.  
2 sems, 3 hrs  
3 cr. each sem.  
- Scientific World  
- Individual & Society/ Social Sciences  
- Math & Quantitative Reasoning

**Spring**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**  
English Comp (EC)  
**GER**  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.  
**prereq:** ENGL 12000  
3 hrs + one additional conference hour  
3 cr.

**RUSS 10200 - Elementary Russian**

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.  
2 sems, 3 hrs  
3 cr. each sem.  
- Individual & Society/ Humanities  
- Life and Physical Sciences  
- Elective

**Sophomore Year**

**Fall**

**RUSS 20100 - Intermediate Russian I**

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.  
**prereq:** RUSS 10200 or 10300  
3 hrs  
3 cr.  
- US Experience in Its Diversity  
- Elective  
- Elective  
- Elective
Spring

RUSS 20200 - Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.

prereq: RUSS 20100
3 hrs
3 cr.

- Creative Expression
- Elective
- Elective
- Elective

Junior Year

Fall

RUSS 21500 - Translating Culture: Introduction to Theory and Practice of Translation

Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in 20th century. Designed for students interested in translation in any language.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 30100 - Advanced Russian I

Mastery of grammar in its application to writing, listening comprehension and oral expression.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

- World Cultures & Global Issues
- Elective
- Elective

Spring

RUSS 31700 - Practical Aspects of Translation

Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 30200 - Advanced Russian II
Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports.

**prereq:** RUSS 20200 or equiv

3 hrs

3 cr.

- Elective
- Elective
- Elective

**Senior Year**

**Fall**

**RUSS 31800 - Advanced Translation**

Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation.

**prereq:** ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.

3 hrs

3 cr.

- RUSS 300 Level Course (3 credits) (See note below for specific information) (See online Catalog for titles)
- Elective
- Elective
- Elective

**Spring**

**RUSS 49800 - Internship in Russian and Slavic Studies**

Students who enroll in the course can work in corporations, government agencies and non-profit organizations. In addition to gaining work-related skills, students develop contacts for future employment and acquire job-related experience. No more than 6 total internship credits can be taken. 3 credits count toward Russian major or minor.

**prereq:** Russian 20200 or an equivalent, or by permission of the head of the program; ENGL 12000

3 cr.

- RUSS 300 Level Course (3 credits) (See note below for specific information) (See online catalog for titles)
- Elective
- Elective
- Elective

**Notes:**

- Concentration in Russian translation: for students with interest in acquiring training in Russian translation in a variety of professional fields. Requirements for the concentration in Russian translation include:
  - 6 credits in Russian language at the intermediate level (RUSS 20100 and RUSS 20200) or 6 credits in the intensive RUSS 20300 for heritage speakers,
  - RUSS 21500 Translating Culture: Introduction to Theory and Practice of Translation for 3 credits.
- RUSS 30100 Advanced Russian I for 3 credits
- RUSS 30200 Advanced Russian II for 3 credits
- RUSS 31700 Practical Aspects of Translation for 3 credits
- RUSS 31800 Advanced Translation for 3 credits
- RUSS 49803 Internship in Russian and Slavic Studies for 3 credits

- Students exempt from the Russian language requirement through proficiency testing or by permission of the Division Head are required to take also either:
  - one 300-level literature course taught in Russian for 3 credits and one of the following 300-level language courses: RUSS 31200, RUSS 31300, RUSS 31400, RUSS 31500, or RUSS 31900 for 3 credits (6 credits in all) or:
  - two 300-level language courses from the following courses: RUSS 31200, RUSS 31300, RUSS 31400, RUSS 31500, or RUSS 31900 for 6 credits.
  - *See department for availability of Intensive (RUSS 103 and RUSS 203).

**Degree Map for Russian: Russian & East Central European Studies**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Russian major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

**Freshman Year**

**Fall**

**ENGL 12000 - Expository Writing**

**Hunter Core**

**English Comp (EC)**

**GER**

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

**RUSS 10100 - Elementary Russian**

The course introduces students to elementary reading, speaking, listening and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 10300. For details about credit policy, please see Language Proficiency Requirement.
**prereq:** By departmental permission only.

*2 sems, 3 hrs*

*3 cr. each sem.*

- Math & Quantitative Reasoning
- Life and Physical Sciences
- US Experience in its Diversity

### Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)  
GER  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000  
*3 hrs + one additional conference hour*  
*3 cr.*

**RUSS 10200 - Elementary Russian**

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.  
*2 sems, 3 hrs*  
*3 cr. each sem.*

- Individual & Society/ Humanities  
- Life and Physical Sciences  
- Elective

### Sophomore Year

### Fall

**RUSS 20100 - Intermediate Russian I**

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.  
**prereq:** RUSS 10200 or 10300  
*3 hrs*  
*3 cr.*

- US Experience in Its Diversity  
- RECE Course in History  
- RECE Course in Literature/Culture or Arts  
- Elective
Spring

**RUSS 20200 - Intermediate Russian II**

Selected readings in Russian literature. Practice in oral and written expression.

*prereq: RUSS 20100
3 hrs
3 cr.*

- Creative Expression
- RECE Course in Political Science
- Elective
- Elective

Junior Year

Fall

- RUSS 200 or 300 Level Elective
- World Cultures & Global Issues
- Elective
- Elective
- Elective

Spring

- RUSS 200 or 300 Level Elective
- Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- RUSS 200 or 300 Level Elective
- Elective
- Elective
- Elective
- Elective

Spring

- Elective
- Elective
Elective
Elective
Elective

Notes:

* Students opting for Intensive 6 cr. option would postpone SW or I&S/SS for the following semester.
** Students opting for Intensive 6 cr. option would postpone LIPS or I&S/H for the following semester

Requirements for RECE include Russian or Slavic language proficiency or a pre- or corequisite of 6 credits in Russian or Slavic language at the 20200 (intermediate) level or above and 18 credits distributed as follows: Russian or East Central European history (3 cr.); RECE area political science (3 cr.); Russian or East Central European literature, culture or arts (3 cr.); and three additional 200- or 300-level courses chosen from two of the following categories: anthropology, economics, geography, history, political science and literature, culture or arts. Students should select courses in consultation with their RECE adviser. In addition to their 18- to 24-credit concentration, students are strongly urged to choose 12 minor credits from disciplines related to RECE.

Degree Map for Spanish Literature BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Spanish Literature major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

SPAN 10100 - Elementary Spanish I

Language lab mandatory.

Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy,
please see Language Proficiency Requirement.

3 hrs
3 cr.

- Math & Quantitative Reasoning (based on placement)
- Scientific World
- Individual & Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.

prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr.

SPAN 26300 - Contemporary Spanish-American Literature in Translation

Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.

prereq: ENGL 12000
3 hrs
3 cr.

- Individual & Society/ Humanities
- Life & Physical Sciences

Sophomore Year

Fall

SPAN 20100 - Intermediate Spanish I

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr.

- US Experience in Its Diversity
- Creative Expression
- Elective
- Elective

Spring

SPAN 20200 - Intermediate Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr.

- World Cultures & Global Issues
- Elective
- Elective
- Elective

Junior Year

Fall

- 2 courses from SPAN 21100 - SPAN 27600 range: Intermediate Language, Literature or Culture
- Elective
- Elective

Spring

SPAN 31100 - The Structure of Modern Spanish

prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.
  • SPAN 33500 Spanish Civilization -or- SPAN 33600 Latin American Civilization
  • Elective
  • Elective

Senior Year

Fall

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr.
  • 2 courses from SPAN 34300 - SPAN 37600** Range: Advanced Language, Literature or Culture
  • Elective

Spring

  • 5 courses from SPAN 34300 - SPAN 37600 range: Advanced Language, Literature or Culture Courses

Notes:

• *Students opting for Intensive 6 cr. Option would postpone SW or I&S/SS for the following semester
• **Students opting for Intensive 6 cr. Option would postpone LIPS or I&S/H for the following semester.
• Students interested in Study Abroad should speak with Professor Schinaider about the Spanish Department's summer program in Madrid, Spain, and the January program in Argentina. This program carries a minimum of 6 credit hours that may be applied to the major and 3 that will count as elective credits.
• This roadmap reflects the path of a student with no previous background in Spanish. Students with prior knowledge of Spanish may be able to begin with more advanced courses and should see the department for appropriate placement prior to the beginning of their first semester. Students with no previous background in Spanish are advised to take the intensive sequence of SPAN 10300 (6 credits) and SPAN 20300 (6 credits) in
their first year in order to enable the start of the major as soon as possible. As an alternative, such students might take the regular sequence of SPAN 10100 and SPAN 10200 in their first year, and then complete SPAN 20100 and SPAN 20200 in summer session. Finally, for students entering the major at the Elementary Spanish level, Study Abroad is highly recommended.

- 300-level Advanced Literature or Culture course should be distributed among the following categories:
  - 6 credits in Peninsular literature before the 19th century (SPAN 34300, SPAN 34500, SPAN 34600, SPAN 34900, SPAN 35000, SPAN 35300 or SPAN 37000 when appropriate)
  - 9 credits in Latin American literature (SPAN 36000 SPAN 36200 SPAN 36400 SPAN 36500 SPAN 36600 SPAN 36700 SPAN 36800 SPAN 37100), at least 3 credits of which must be in contemporary literature (SPAN 36400 SPAN 36500 SPAN 36600 SPAN 36700 or SPAN 37100 when appropriate)
  - 6 credits chosen from among any course in literature from Spain or Latin America numbered above SPAN 34200.

### Degree Map for Statistics

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Statistics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Please note: Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

### Freshman Year

#### Fall

**ENGL 12000 - Expository Writing**

- **Hunter Core**
  - English Comp (EC)
  - GER
  - 1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

\textit{prereq: successful completion of developmental courses, if required}

3 hrs + conf

3 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

- **Hunter Core**
  - Math/Quantitative Reasoning
  - GER
Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs

3 cr.

- Foreign Language Elementary Level 1
- Life and Physical Sciences
- Individual & Society/ Social Sciences

### Spring

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs

4 cr.

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour

3 cr.

**STAT 21200 - Discrete Probability**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.
Sophomore Year

Fall

**STAT 21400 - Data Analysis Using Statistical Software**

**GER**

3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building

*prereq: STAT 21300 or MATH 12400 or MATH 12500 or MATH 12550 and STAT 11300 with grade of C or better in each course.*

3 hrs

3 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*  

4 hrs

4 cr.

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

*prereq: MATH 15000*  

*prereq or coreq: MATH 15500*  

2 hrs

1 cr.

- Foreign Language Intermediate Level 3
- Individual & Society/ Humanities

Spring

**MATH 25000 - Calculus III**
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**prereq:** MATH 15500, MATH 15600

4 hrs

4 cr.

**MATH 26000 - Linear Algebra**

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

**prereq:** MATH 15600

**prereq or coreq:** MATH 25000

4 hrs

4 cr.

- Foreign Language Intermediate Level 4
- Scientific World
- World Cultures & Global Issues

**Junior Year**

**Fall**

**STAT 31100 - Probability Theory**

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.

**prereq:** MATH 25000.

3 hrs

3 cr.

- MATH 25400 Ordinary Differential Equations -or- MATH 35400 Dynamical Systems and Chaos
- US Experience in Its Diversity
- Elective
- Elective

**Spring**

**STAT 31200 - Stochastic Processes**

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.

**prereq:** STAT 31100
STAT 31300 - Introduction to Mathematical Statistics

GER
3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.
prereq: STAT 31100
3 hrs
3 cr.

• Elective
• Elective
• Elective

Senior Year

Fall

STAT 31200 - Stochastic Processes

GER
3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.
prereq: STAT 31100
3 hrs
3 cr.

• Pluralism and Diversity A, B, C or D
• STAT or MATH Elective
• Elective
• Elective
• Elective

Spring

• Elective
• Elective
• Elective
• Elective
• Elective

Notes

• Students who do not place into STAT 213 will begin with MATH 101 Algebra or MATH 125 Pre-calculus: The sequence is as follows – MATH 101 or MATH 101EN. [If you make a C you also take MATH 10150] – MATH 12550 [If you make a C, you must take MATH 140] or MATH 124 and MATH 140 or MATH 125
and MATH 140 – STAT 213. If you begin with MATH 101, the Degree Map is shifted by two semesters and still allow for completion of the degree in 4 years; in this case, the MATH or STAT elective will be taken in the last semester.

- **STAT 212 and 214 could be taken either fall or spring and in any order or at the same time**
- At Math 260, students who do well should consider our BA/MA program. See the Statistics advisor.
- Required STAT or MATH elective must be approved by Statistics advisor
- Please see Statistics advisor for Actuarial sequence
- STAT 311 is taught fall and spring but STAT 312 and 313 are spring and summer only.

### Degree Map for Studio Art (24 cr.) BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Studio Art major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

### Freshman Year

#### Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
- English Comp (EC)
- GER
- 1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq: successful completion of developmental courses, if required**

- 3 hrs + conf
- 3 cr.

- Math & Quantitative Reasoning
- Scientific World
- World Cultures & Global Issues
- Foreign Language Elementary Level 1

#### Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
- English Comp (EC)
- GER
- 2/A
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq: ENGL 12000**

3 hrs + one additional conference hour

3 cr.

**ARTLA 10100 - Introduction to Study of Visual Experience**

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.

Material Fee: $25

6 hrs

3 cr. + 3 cr. hrs open studio

- Creative Expression
- Life and Physical Sciences
- Foreign Language Elementary Level 2

**Sophomore Year**

**Fall**

**ARTCR 22100 - Drawing**

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.

Material Fee: $50

**prereq: ARTLA 20100**

4 hrs

3 cr. + 5 hrs open studio

**ARTH 11100 - Introduction to History of Art**

**Hunter Core**

Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**

PD/D

GER

2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs

3 cr.

- Foreign Language Intermediate Level 3
- US Experience in Its Diversity
- Elective
Spring

- ARTCR 200 or 300 level Elective
- Individual and Society/ Humanities
- Foreign Language Intermediate Level 4
- Elective
- Elective

Junior Year

Fall

- ARTCR 200 or 300 level Elective
- Scientific World
- Elective
- Elective
- Elective

Spring

- ARTCR 200 or 300 level Elective
- ARTCR 200 or 300 level Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- ARTCR 200 or 300 level Elective
- Elective
- Elective
- Elective
- Elective

Spring

- ARTCR 200 or 300 level Elective
- Elective
- Elective
- Elective
- Elective
**Degree Map for Studio Art (42 cr.) BA**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Geography major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

**Freshman Year**

**Fall**

**ENGL 12000 - Expository Writing**

**Hunter Core**  
English Comp (EC)  
GER  
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.  
*prereq: successful completion of developmental courses, if required*  
3 hrs + conf  
3 cr.

- Math & Quantitative Reasoning  
- Individual & Society/ Social Sciences  
- ARTLA 10100 Introduction to Study of Visual Experience  
- Foreign Language Elementary Level 1

**Spring**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**  
English Comp (EC)  
GER  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.  
*prereq: ENGL 12000*  
3 hrs + one additional conference hour  
3 cr.

**ARTLA 10100 - Introduction to Study of Visual Experience**
Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.

Material Fee: $25

6 hrs

3 cr. + 3 cr. hrs open studio

- Elective
- Life & Physical Sciences
- Foreign Language Elementary Level 2

Sophomore Year

Fall

ARTCR 22100 - Drawing

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.

Material Fee: $50

prereq: ARTLA 20100

4 hrs

3 cr. + 5 hrs open studio

ARTH 11100 - Introduction to History of Art

Hunter Core

Individual and Society (Humanities) - I&S H

Pluralism and Diversity

PD/D

GER

2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs

3 cr. cr

- Foreign Language Intermediate Level 3
- US Experience in Its Diversity
- Elective

Spring

- ARTCR 200 or 300 level Elective
- Individual & Society/ Humanities
- Foreign Language Intermediate Level 4
- World Cultures & Global Issues
- Elective
Junior Year

Fall

- ARTCR 200 or 300 level Elective
- Scientific World
- Creative Expression
- ARTH Elective
- Elective

Spring

- ARTCR 200 or 300 level Elective
- Area of Study Course
- Elective
- Elective
- Elective

Senior Year

Fall

- ARTCR 200 or 300 level Elective
- Area of Study Course
- ARTH Elective
- Elective
- Elective

Spring

- ARTCR 200 or 300 level Elective
- Area of Study Course
- Elective
- Elective
- Elective

Degree Map for Studio Art - BFA (60 cr.)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Studio Art BFA major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.
Freshman Year

Fall

**ENGL 12000 - Expository Writing**

_Hunter Core_  
English Comp (EC)  
GER  
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.  
*prereq: successful completion of developmental courses, if required*  
3 hrs + conf  
3 cr.

**ARTLA 10100 - Introduction to Study of Visual Experience**

Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.  
Material Fee: $25  
6 hrs  
3 cr. + 3 cr. hrs open studio

- Math & Quantitative Reasoning  
- Individual & Society/ Social Sciences  
- Foreign Language Elementary Level 1

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

_Hunter Core_  
English Comp (EC)  
GER  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.  
*prereq: ENGL 12000*  
3 hrs + one additional conference hour  
3 cr.

**ARTCR 22100 - Drawing**

Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.  
Material Fee: $50  
*prereq: ARTLA 20100*
4 hrs
3 cr. + 5 hrs open studio

**ARTH 11100 - Introduction to History of Art**

**Hunter Core**
Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**
PD/D
GER
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr.

- Life & Physical Sciences
- Foreign Language Elementary Level 2

**Sophomore Year**

**Fall**

**ARTH 24900 - Twentieth-Century Art I**

**Pluralism and Diversity**
PD/D
GER
3/A

Western art to World War II.

*prereq: ARTH 11100*

3 hrs
3 cr.

- ARTCR 22500 Printmaking, ARTCR 23500 Painting, ARTCR 25100 Sculpture, ARTCR 27100 Principles of Photography, ARTCR 29000 New Genres
- ARTCR 22500 Printmaking, ARTCR 23500 Painting, ARTCR 25100 Sculpture, ARTCR 27100 Principles of Photography, ARTCR 29000 New Genres
- Foreign Language Intermediate Level 3
- Elective

**Spring**

- ARTCR 22500 Printmaking, ARTCR 23500 Painting, ARTCR 25100 Sculpture, ARTCR 27100 Principles of Photography, ARTCR 29000 New Genres
- ARTCR 22500 Printmaking, ARTCR 23500 Painting, ARTCR 25100 Sculpture, ARTCR 27100 Principles of Photography, ARTCR 29000 New Genres
- Individual & Society/ Social Sciences
• Foreign Language Intermediate Level 4
• ARTH 25000 Twentieth-Century Art II

Junior Year

Fall

• ARTCR 300 level Area of concentration
• ARTCR 200 or 300 level Elective
• Creative Expression
• World Cultures & Global Issues
• ARTCR 200 or 300 level Elective

Spring

• ARTCR 300 level area of concentration
• ARTCR 200 or 300 level Elective
• Scientific World
• ARTH 200 or 300 level Elective
• Elective

Senior Year

Fall

ARTCR 45900 - Professional Experience in Art I

BFA majors, seniors only. Not credited toward BA degree. Advanced projects may include activities outside the college, as well as within the department.
Material Fee: $50
prereq: Admission into the BFA Program
4 hrs
6.5 cr.

ARTCR 40500 - Art and Current Ideas II

Lecture and discussion; a non-studio course. Topics of concern in art today as brought forth by current exhibitions. Scheduled trips to galleries and museums. Reading assignments, papers and oral reports focus on issues relative to the exhibitions.
prereq: ARTLA 20100
3 hrs
3 cr.

• ARTH Elective
• US Experience in Its Diversity
• Elective

Spring
• ARTCR 46000 Professional Experience in Art II
• Elective
• Elective
• Elective

Degree Map for Urban Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Urban Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

URBS 10100 - Urban Life: Personal and Observational View (W)

Hunter Core
Individual & Society - Social Science I&S SS
GER
2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.
3 hrs
3 cr.

• Math & Quantitative Reasoning
• Foreign Language - Elementary Level 1
• US Experience in its Diversity
Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

- Individual and Society/ Humanities
- Foreign Language Elementary Level 2
- Creative Expression
- Life and Physical Sciences

Sophomore Year

Fall

**URBS 10200 - Structure of Urban Region (W)**

**Hunter Core**
Individual and Society Social Science (I&S SS)
GER
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy.

*prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.*

3 hrs

3 cr.

- Scientific World
- Foreign Language Intermediate Level 3
- Elective
- Elective

Spring

**URBS 20100 - Urban Plans and Policies**

GER
2/B
Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making.

**prereq:** URBS 10200 or 6 cr. intro social science courses or perm instr.

3 hrs

3 cr.

- World Cultures & Global Issues
- Foreign Language - Intermediate Level 4
- Elective
- Elective

**Junior Year**

**Fall**

**URBS 31000 - Methods of Urban Research and Policy Analysis**

**GER**

3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.

**prereq:** URBS 10200 or perm instr.

3 hrs

3 cr.

- URBS 400 Level Elective
- Elective - Basic Social Science Component
- Elective - Basic Social Science Component
- Elective

**Spring**

**URBS 31100 - Quantitative Approaches to Urban Analysis**

**GER**

3/B

A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.

**prereq:** Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.

3 hrs

3 cr.

- URBS 400 Level Elective
- Elective
- Elective
- Elective

**Senior Year**
Fall

URBS 40900 - Urban Studies Internship

GER
3/B

Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.

3 hrs
3 cr.

- Elective
- Elective
- Elective
- Elective

Notes:

Students should consult with a program advisor to choose 6 credits (2 courses) of upper-level social science classes appropriate to students' interest. This component can also be met by another 300- or 400-level urban-related course, if approved by the undergraduate advisor.

English Composition 2 (3 credits)

English Composition 2 (3 credits)

- AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)
- ENGL 22000 - Introduction to Writing about Literature (W)
- ASIAN 22100 - Introduction to Writing About Asian American Literature (W)
- MEDIA 21100 - News Literacy in a Digital Age (W)

Temporary Pathways Courses Summer and Fall 2020

These courses are for an expedited review process for temporary Pathways approval for the summer and fall 2020 semesters.
Creative Expression

DAN 10N00 Design and Dance

Humanities, Individual & Society

HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.
3 hrs
3 cr

HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity
PD/A
GER
3/A

A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.
prereq: ENGL 12000
3 hrs
3 cr.
• 20004 Gender and Modern Jewish History

Social Sciences, Humanities, Individual & Society

AFPRL 10200 - Latino Communities in the United States

Pluralism and Diversity
PD/B
GER
2/B

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr.

AFPRL 24200 - Puerto Rican History Since 1898
Pluralism and Diversity
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr.

**HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)**

Pluralism and Diversity
PD/D
GER
3/B

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.

*prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.*

3 hrs
3 cr.
fall and spring; summer when possible

**POLSC 20100 - Ancient to Early Modern Political Thought (W)**

Pluralism and Diversity
PD/D
GER
3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**PUPOL 10000 - Introduction to Public Policy**

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines.

**Writing Requirements:** This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).
Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr.

Scientific World

GTECH 10100 - Digital Earth

Digital Earth introduces students to the new suite of geospatial technologies and how they are being used to capture, store, process and display the vast amount of geospatial information about our planet, a wide variety of environmental and cultural phenomena, and how this information helps us to better understand natural and cultural characteristics of the world, address world problems, and make sound decisions. Students will learn how satellites take complete photographs of the entire planet, Geographic Information Systems (GIS) display geospatial data, Global Positioning Systems (GPS) track the location of environmental and cultural phenomena, Geovisualization tools map our 3-D planet, and how these technologies are applied to solve problems in diverse fields and phenomena in the physical and social sciences in exciting ways. The knowledge and skills learned in Digital Earth open the door toward a geotechnology-oriented career.
3 hr.
3 cr.

World Cultures & Global Issues

- HEBR 20N01 Hebrew and Israeli Songs and Poems
- ECO 29562 Economics and Film
  co-listed with
- FILM 29947 Economics and Film

GEOG 27000 - Regional Geography of Mexico, Central America and the Caribbean

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of Mexico, Central America and West Indies.
3 hrs
3 cr.

GEOG 27100 - Regional Geography of South America

Pluralism and Diversity
PD/A
GER
3/B
Analysis of relationship of natural environment to economic, social and political life of South America.

3 hrs
3 cr.

**HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)**

*Pluralism and Diversity*
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 27651 - The Modern Middle East from 1800 to the Present (W)**

*Pluralism and Diversity*
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 27100 - Early History of Latin America**

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 27200 - History of Latin America in the 19th and 20th Centuries**

Political, economic, social and cultural transformations contributing to the development of modern Latin America. Emphasis will be on major historical processes and their impact on the region's cultural diverse population.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 28900 - Africa in the 19th and 20th Centuries (W)**

*Pluralism and Diversity*
PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.
Courses at the 300-level and above not offered to freshmen.

- **PUPOL 20N00 Global Pandemic Impacts**

### Africana and Puerto Rican/Latino Studies

#### Overview

Africana Studies as a "discipline" seeks to study, interpret, explain, and articulate the cultural, historical, political, economic, and spiritual experience of people of African descent throughout the world. Africana Studies is "Pan-Africanist" in approach and focus, seeking to emphasize the connections between African peoples and their cultures throughout the world, while acknowledging the differences that have evolved because of historical realities, geographical location, specific forms of colonial oppression, and cultural interaction. The African-centered perspective of the sequence implies an approach to reality which begins with the African and African-Diasporic experience. Its presupposition is that the meaning of that experience cannot be determined without reference to Africa as the source, its point of origin. As such, our sequence is lodged firmly within the African-Centered Movement; a liberatory and intellectual movement born out of the struggle, conflict, and victory of the decolonization process.

The Puerto Rican/Latino Sequence is geared towards a multidisciplinary pedagogical and philosophical approach which encompasses the study of Puerto Rico, the Dominican Republic and Cuba specifically, and the rest of the Caribbean in a comparative perspective. We also engage in the study and analysis of the Puerto Rican Diaspora and other Latino groups in the U.S. The study of the Puerto Rican experience is framed within the racial, historical, linguistic, religious, social and cultural syncretism that evolved from the interaction of the native Taíno population, Africans, the Spanish colonizers and the U.S. presence.

### What can I do with my degree in Africana & Puerto Rican/Latino Studies?

The Department of Africana & Puerto Rican/Latino Studies prepares students for a broad range of careers in the public and private sector; for entrance to professional schools such as law, social work, urban planning and medicine, and for graduate study and research in the social sciences and humanities. The department has a long history of nurturing students' intellectual discipline, creativity, and social and political awareness. Graduates of the department have pursued careers in journalism, counseling, teaching, public policy, community development, media, politics, psychology and international affairs. The department's interdisciplinary structure offers students an opportunity to satisfy the increasing expectations of admissions committees and prospective employers for a broad liberal arts perspective that complements the specialized knowledge of a field.

### Programs and Courses

Programs and Courses in Africana and Puerto Rican/Latino Studies

#### Honors

The honors research course, AFPRL 499, is open to AFPRL upper seniors who have a 3.5 GPA in the major with a 3.0 GPA overall and have completed at least 24 credits including three AFPRL 300/400 level courses. In order to receive an honors endorsement, a student must receive a final grade of at least B+. Students who do not meet the requirement
for an honors endorsement but have passed the course, will receive three credits without honors. The research theme changes every academic year. The project is supervised by one full-time AFPRL faculty member but is read and graded by the supervisor and two additional AFPRL full-time faculty members.

Administration and Faculty

Chair:

Anthony Browne  
Office: 1709B HW  
(212) 772-5033  
apbrowne@hunter.cuny.edu

Administrative Assistant:

Barbara Saunders

Hours of Operation: Monday-Friday 10:00 AM-6:00 PM  
Office: HW 1711  
Phone: (212) 772-5035  
Fax: (212) 650-3596  
Email: bsaunder@hunter.cuny.edu or afprl@hunter.cuny.edu  
http://www.hunter.cuny.edu/afprl

Faculty

Africana and Puerto Rican/Latino Studies

HEGIS Code: 2211

Africana and Puerto Rican/Latino Studies-BA

Given the interdisciplinary organization of the department, students may elect to concentrate their program of study in the Africana sequence, Puerto Rican/Latino sequence or a combination of both with courses from social sciences and humanities offered by the department.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Africana and Puerto Rican/Latino Studies major, the courses that meet CCCR are:

<table>
<thead>
<tr>
<th>Courses</th>
<th>CUNY Common Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFPRL 10000 Individual and Society (I&amp;S SS)</td>
<td></td>
</tr>
<tr>
<td>AFPRL 10300 Individual and Society (I&amp;S SS)</td>
<td></td>
</tr>
</tbody>
</table>
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (30 credits)

6 credits from among

**AFPRL 20100 - African History from Human Origins to 1600 CE**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A
**GER**
2/B

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.

*3 hrs*
*3 cr.*

**AFPRL 20200 - African History Since 1600 CE**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A
**GER**
2/B
Main currents of African history from 1600 CE to present
3 hrs
3 cr.

**AFPRL 20300 - African American History I**

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.
3 hrs
3 cr.

**AFPRL 20400 - African American History II**

Pluralism and Diversity
PD/B
GER
2/B

Survey of historical experiences of African people in U.S. from Reconstruction to the present.
3 hrs
3 cr.

**AFPRL 20900 - Introduction to Caribbean History to 1900**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr.

**AFPRL 21000 - Introduction to Caribbean History: 1900 - Present**

Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr.

**AFPRL 24100 - Puerto Rican History to 1897**

**Pluralism and Diversity**
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr.

**AFPRL 24200 - Puerto Rican History Since 1898**

**Pluralism and Diversity**
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr.

3 credits from

**AFPRL 28100 - Fieldwork in African American/Latino Communities**

Fieldwork involvement and sociopolitical analysis of a community organization in the Black and/or Puerto Rican/Latino communities.
Course open to Majors and Minors Only
3 hrs
3 cr. each

21 credits

- Of which at least 12 must be taken at the 300 and/or 400 level. At least 3 credits must be taken in Puerto Rican/Latino studies if the student’s concentration is in Africana studies and vice versa.

**Honors**

The honors research course, AFPRL 49900, is open to AFPRL upper seniors who have a 3.5 GPA in the major with a 3.0 GPA overall and have completed at least 24 credits including three AFPRL 300/400 level courses. In order to receive an honors endorsement, a student must receive a final grade of at least B+. Students who do not meet the requirement for an honors endorsement but have passed the course, will receive three credits without honors. The research theme changes every academic year. The project is supervised by one full-time AFPRL faculty member but is read and graded by the supervisor and two additional AFPRL full-time faculty members.
Degree Map

Degree Map for Africana & Puerto Rican / Latino Studies

Degree Map for Africana & Puerto Rican / Latino Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an AFPRL major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Individual & Society/ Social Sciences
- US Experience in its Diversity

Spring

AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)

Hunter Core
English Composition (EC)
Pluralism and Diversity
PD/A or B
GER
2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.
prereq: ENGL 12000
3 hrs
3 cr

- Individual & Society/ Humanities
- Foreign Language Elementary Level 2
- Life & Physical Sciences
- Elective

Sophomore Year

Fall

- AFPRL 100 Level Elective
- Scientific World
- Foreign Language Intermediate Level 3
- Elective
- Elective

Spring

- AFPRL 200 level History Elective
- SOC 20100 The Family
- Creative Expression
- Foreign Language Intermediate Level 4
- Elective

Junior Year

Fall

- AFPRL 200 Level History Elective
- AFPRL 300 Level Elective
- (W) Pluralism and Diversity A or D
- Elective
- Elective

Spring

- AFPRL 28100 Fieldwork in African American/Latino Communities
- AFPRL 300 or 400 Level Elective
- Pluralism and Diversity A or D
- Elective
- Elective
Senior Year

Fall

- AFPRL 300 or 400 Level Elective
- AFPRL Elective
- Elective
- Elective
- Elective

Spring

- AFPRL 49900 or Elective
- Elective
- Elective
- Elective
- Elective

Notes:

- AFPRL majors choose 18 AFPRL electives (6 courses) of which at least 12 credits (4 courses) must be at the 300 or 400 level.
- Students should work with departmental advisor to select courses in order to develop a concentration in Africana studies, Puerto Rican/Latino or a combined sequence.
- At least 3 credits must be taken in Puerto Rican/Latino if the concentration is Africana studies and vice versa.

Minor in Africana & Puerto Rican/Latino Studies

The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

The Africana & Puerto Rican/Latino Studies Minor

The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

Anthropology

Overview

Anthropology is the study of humanity in all its cultural and biological diversity. In the United States, the discipline traditionally includes four fields: archaeological, biological, sociocultural, and linguistic anthropology, although research increasingly examines questions at the borders of the fields or which span more than one field. The Department of Anthropology offers B.A. and M.A. degree programs, both of which provide a solid grounding in the
four fields and a variety of opportunities for specialized study, practicums and internships, and participation in faculty
research. Our undergraduate courses explore fundamental questions and topics of anthropology, including the nature
and scope of cultural variation and human biological evolution throughout the world and across time, and how power
and inequality shape the varieties of human experience. The Anthropology curriculum emphasizes original research,
scholarly writing, informed critical thinking, and the understanding of, and tolerance for diverse cultures and ways of
life. The faculty is actively involved in interdisciplinary teaching, interdepartmental collaborative efforts, and
individual and team research projects, including many that involve new information technologies, cultural resource
management, environmental impact assessment, ethnicity and gender, regional and area studies, and economic
development. Biological anthropology and archeology host state-of-the-art research labs that support student training
and research. International field sites are also available for student research. The Department is also committed to
involving undergraduate students in ongoing faculty-supported research, and in encouraging independent student-
initiated research projects.

What can I do with my degree in Anthropology?

Known for its holistic approach, anthropology provides essential training for any career that deals with the human
condition or cultural diversity. Graduates pursue careers in fields as diverse as education, public health, public policy,
cultural heritage management, journalism, social work, marketing research and many others. Anthropology also
provides an important foundation for further study in the social and natural sciences and the humanities (including
medical and law schools).

Programs and Courses

Programs and Courses in Anthropology

Administration and Faculty

Chair:

Leo Coleman
722 Hunter North
(212) 772-5410
anthropology@hunter.cuny.edu

Department Administrative Coordinator:

Jeanette Abreu
722 Hunter North
(212) 772-5410
jabreu@hunter.cuny.edu

Department Office:

722 North
(212) 772-5410
fax: (212) 772-5423
http://hunter.cuny.edu/anthropology
Hours of Operation: Monday – Friday 10:00 AM – 5:00 PM

Undergraduate Advisers:

Jacqueline Brown
714 North
(212) 772-5458
Faculty

Anthropology Faculty

HEGIS Code: 2202

Anthropology - BA

The anthropology major is designed to give students an overview of the discipline, as well as training in all four fields of the subject (archaeology, cultural anthropology, biological anthropology and anthropological linguistics.) The anthropology major consists of 28 credits [see table below]. In order to graduate with a major in anthropology, students must earn a C grade or better in all required courses and electives counted toward the major.

Hunter Core Requirement

Note: Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the anthropology major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHP 10100 (STEM)</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>ANTHC 10000</td>
<td>US Experience in its Diversity</td>
</tr>
<tr>
<td>ANTHC 10100</td>
<td>Individual and Society (SS)</td>
</tr>
<tr>
<td>ANTHP 10200 (STEM)</td>
<td>Scientific World</td>
</tr>
<tr>
<td>ANTHC 15100</td>
<td>World Culture/Global Issues</td>
</tr>
<tr>
<td>ANTHP 10500</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>ANTHC 12600</td>
<td>World Culture/Global Issues</td>
</tr>
<tr>
<td>ANTHC 12700</td>
<td>Scientific World</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core.

Courses Required for the Major (28 credits)

ANTHC 10100 - Introduction to Cultural Anthropology
Hunter Core
Individual and Society (Social Sciences) - I&S SS

Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
3 hrs
3 cr.
offered every sem.

ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHC 15100 - Introduction to Linguistics

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr.

ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

ANTHC 31400 - Research Design in Anthropology
Pluralism and Diversity
GER 3/B
Introduction to basic principles of research design employed in anthropology.

*prereq: ANTHC 10100
3 hrs
3 cr.

**ANTHC 31800 - History of Anthropological Theory**

Pluralism and Diversity
PD/D
GER
3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.

*prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

Elective courses (9 cr.)

Selected from the following fields: Cultural Anthropology, Biological Anthropology, Linguistics, Archaeology, Research Design, Anthropological Theory

**Honors Work**

Honors work is possible in each of the major branches of anthropology. The emphasis is on independent student research under the supervision of a faculty member. In order to graduate with departmental honors in anthropology, a student must: (1) have taken at least 2 credits of ANTHC 40000; (2) have a GPA in the major of not less than 3.5 and a cumulative GPA of not less than 2.8 at the time of graduation; and (3) complete a departmental honors form available from the departmental undergraduate adviser.

**ANTHC 40000 Honors Project**

Open to qualified juniors and seniors every semester. Research under supervision of a faculty member. From 2 to 3 credits per semester, depending on the nature of the student's work. May be taken for 1, 2, or 3 semesters for a maximum of 6 credits. To apply, students must (1) present a research plan prepared in conjunction with a faculty member; (2) have this plan approved by the undergraduate adviser and the department chair; and (3) obtain approval prior to preregistration.

**Interdepartmental Fields**

Students who want to do work in anthropology as part of an interdepartmental field, such as Africana and Puerto Rican/Latino studies, Latin American and Caribbean studies, religion, urban affairs and planning, or women and gender studies, should refer to descriptions under the department or field of their interest.

**Degree Map**
Degree Map for Anthropology

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Anthropology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

3 hrs

3 cr.

offered every sem.

• Math & Quantitative Reasoning
• Foreign Language Elementary Level 1
• Creative Expression

Spring
ENGL 22000 - Introduction to Writing about Literature (W)

**Hunter Core**
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*
3 hrs + one additional conference hour
3 cr.

ANTHC 12600 - Introduction to Prehistoric Archaeology

**Hunter Core**
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs
3 cr.
offered every sem.

ANTHP 10100 (STEM) - Human Evolution

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

- Foreign Language Elementary Level 2
- Elective

Sophomore Year

Fall

- US Experience in Its Diversity
- Foreign Language Intermediate Level 3
- Scientific World
- Elective
- Elective
Spring

ANTHC 15100 - Introduction to Linguistics

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

3 hrs
3 cr.
- Individual and Society/ Humanities
- Foreign Language Intermediate Level 4
- Elective
- Elective

Junior Year

Fall

ANTHC 31400 - Research Design in Anthropology

Pluralism and Diversity
GER 3/B
Introduction to basic principles of research design employed in anthropology.
prereq: ANTHC 10100
3 hrs
3 cr.
- ANTHP or ANTHC Elective
- Elective
- Elective
- Elective

Spring

ANTHC 31800 - History of Anthropological Theory

Pluralism and Diversity
PD/D
GER
3/B
Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.
• ANTHP or ANTHC Elective
• Elective
• Elective
• Elective

Senior Year

Fall

• ANTHP or ANTHC Elective
• Elective
• Elective
• Elective
• Elective

Spring

• ANTHP or ANTHC Elective
• Elective
• Elective
• Elective
• Elective

Notes:

Please note ANTHP 101, ANTHC 151 and ANTC 126 are required for the major and will also satisfy the CUNY Common Core (CCC), however, no more than two courses from any one department will count for the CCC so an additional course will be needed.

List of Selected Approved Courses for the Minor in Middle East Studies

(subject to Modification)

Area I: Historical Formations

Anthropology

ANTHC 22800 - Archaeology of the Near East to 2000 BC

Pluralism and Diversity
PD/A
GER
3/B
Sociocultural development of Near East from early hunter-gatherers to first states and empires.

*prereq: ANTHC 12600 or perm instr.*

3 hrs
3 cr.

**Classics**

**CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)**

**Hunter Core**

World Culture and Global Issues (WCGI)

**GER**

2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

*prereq: ENGL 12000*

3 hrs
3 cr.

**CLARC 32500 - Archaeology of Eastern Mediterranean (W)**

**Pluralism and Diversity**

PD/A

**GER**

3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.

*prereq: ENGL 12000, CLARC 20400*

3 hrs
3 cr.

**CLARC 32200 - Archaeology of Mesopotamia and Iran (W)**

**Pluralism and Diversity**

PD/A

**GER**

3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

*prereq: ENGL 12000, CLARC 20400*

3 hrs
3 cr.

**CLARC 32300 - Archaeology of Anatolia (W)**

**Pluralism and Diversity**

PD/A
Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

**prereq:** ENGL 12000, CLARC 20400

3 hrs

3 cr.

**Hebrew**

**HEBR 29000 - Biblical Archaeology**

**Hunter Core**

Flexible Core: World Culture and Global Issues

**Pluralism and Diversity**

PD/A

**GER**

2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

3 hrs

3 cr

**History**

**HIST 21000 - History of Judaism**

**GER**

2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.

Courses at the 300-level and above not offered to freshmen.

3 hrs

3 cr.

**HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)**

**Pluralism and Diversity**

PD/A

Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.

Courses at the 300-level and above not offered to freshmen.

3 hrs

3 cr.

**HIST 27651 - The Modern Middle East from 1800 to the Present (W)**

**Pluralism and Diversity**

PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 37300 - History of the Ottoman Empire (W)**

**Pluralism and Diversity**
**PD/A**
**GER**
3/B

This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the 12th-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.

*prereq: ENGL 12000*
3 hrs
3 cr.

**Area II: Society and Politics**

**Anthropology**

**ANTHC 20100 - The Middle East: Societies and Cultures**

**Pluralism and Diversity**
**PD/A**
**GER**
3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.

3 hrs
3 cr.

ANTHC 401.78 Ethnology of the Middle East
ANTHC 400 Ethnographies of the Middle East

**Hebrew**

**HEBR 25900 - Old Testament Religion**

**Hunter Core**
World Cultures and Global Issues (WCGI)
**Pluralism and Diversity**
**PD/A**
**GER**
2/C
Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

**Political Science**

**POLSC 26300 - Government and Politics in the Middle East (W)**

*Pluralism and Diversity*

*GER*

*3/B*

Introduction to Islamic societies and their politics with particular attention to cultures of region.

*prereq: ENGL 12000 or its equivalent*

*3 hrs

*3 cr.*

**POLSC 26400 - Government and Politics of Israel (W)**

*GER*

*3/B*

Historic evolution of the Jewish state and its political system, social issues and foreign policy.

*prereq: ENGL 12000 or its equivalent*

*3 hrs

*3 cr.*

**Religion**

**REL 25200 - Ancient Near Eastern Religions (W)**

*Hunter Core*

*World Culture and Global Issues (WCGI)*

*Pluralism and Diversity*

*PD/A*

*GER*

*2/C*

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

*prereq: ENGL 12000*

*3 hrs

*3 cr.*

**REL 25300 - Abrahamic Religions (W)**

*Hunter Core*

*World Culture and Global Issues (WCGI)*

*Pluralism and Diversity*

*PD/D*
GER

2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.

*prereq: ENGL 12000
3 hrs
3 cr.

**REL 32200 - Islam (W)**

**Pluralism and Diversity**

**PD/A**

**GER**

3/A

Study of Islam, its development, history, literature, philosophy and religious practices.

*prereq: ENGL 12000
3 hrs
3 cr.

**REL 32400 - Islam and Buddhism (W)**

**Pluralism and Diversity**

**PD/A**

**GER**

3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.

*prereq: ENGL 12000
3 hrs
3 cr.

**REL 33700 - Sufism (W)**

**Pluralism and Diversity**

**PD/A**

**GER**

3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta'awwuf, attending to the history, doctrine and metaphysics of the Sufi path.

*prereq: ENGL 12000
3 hrs
3 cr.

**Sociology**

**SOC 36200 - Sociology of Islam (W)**

**GER**

3/B
Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.

**prereq:** SOC 10100
3 hrs
3 cr.

### Area III: Arts, Literatures and Cultures

#### Arabic

**ARB 20000 - Topics in Arabic Literature and Culture**

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

**prereq:** ENGL 12000 or equivalent
3 hrs
3 cr.

**ARB 25000 - The Arab Novel (in translation) (W)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

**prereq:** ENG 22000 or equiv.
3 hrs
3 cr.

**ARB 25100 - Arab Cinema (in translation)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

**prereq:** ENGL 12000 or equivalent
3 hrs
3 credits

**ARB 25200 - Literatures from the Islamic World (W)**
ARB 25300 - Literatures and Cultures of Muslim Spain (W)

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.

prereq: ENGL 12000 or equivalent
3 hrs
3 credits

ARB 25400 - The Arabian Nights East and West (W)

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.

prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

ARB 25500 - Modern Palestinian Culture

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
**ARB 30000 - Problems in Arabic Literature and Culture**

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

*prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.

3 hrs
3 cr.

**Art History**

**ARTH 20500 - Egyptian Art**

*Pluralism and Diversity*
PD/A
GER
3/A

Geographical, historical and social conditions of the Nile. Influence of Egyptian art.

*prereq: ARTH 11100*

*prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.*

3 hrs
3 cr.

**ARTH 26000 - Islamic Art and Architecture**

*Pluralism and Diversity*
PD/A
GER
3/A

Introduction to the art and architecture of Islamic lands (7th to 19th century).

*prereq: ARTH 11100*

3 hrs
3 cr.

**Hebrew (partial listing)**

**HEBR 21000 - Selected Studies in Hebrew Literature in Translation**

*Pluralism and Diversity*
PD/C (HEBR 21060 only)

Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
HEBR 22000 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.

cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

HEBR 22100 - Modern Israeli Culture

Hunter Core
World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

HEBR 31000 - Modern Hebrew Literature I

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
3 hrs
3 cr

HEBR 31100 - Modern Hebrew Literature II

GER
3/A
Reading and discussion of selected works in prose and poetry of 20th-century authors.

*prereq: HEBR 20200 or equiv.*

3 hrs  
3 cr.

**HEBR 31500 - Biblical Literature: Pentateuch**

**Pluralism and Diversity**
**PD/A**
**GER**
3/A

Selections from Pentateuch.

*prereq: HEBR 20200 or equiv.*

3 hrs  
3 cr.

**HEBR 32000 - The Modern Hebrew Short Story**

**GER**
3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends.

*prereq: HEBR 20200 or equiv.*

3 hrs  
3 cr.

**HEBR 32200 - Medieval Literature**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Selections from literature of Golden Age in Spain.

*prereq: HEBR 20200 or equiv.*

3 hrs  
3 cr.

**HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.

*prereq: HEBR 20200 or equiv.*

3 hrs  
3 cr.
HEBR 32400 - The Modern Hebrew Essay

Pluralism and Diversity
PD/D
GER
3/A

Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32500 - History of Modern Hebrew Literature

GER
3/A

Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700 - The Modern Hebrew Novel

GER
3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32800 - Contemporary Hebrew Prose

GER
3/A

prereq: HEBR 20200 or equiv.
3 hrs
3 cr

Music

MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.

prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the
Other Courses

Students may petition for other courses to fulfill the elective requirement. No more than two classes from other campuses or universities may be used to fulfill MMES requirements.

Minor in Anthropological Archaeology

The Anthropological Archaeology Minor introduces students to the study of past human societies and cultural diversity from an anthropological perspective. The minor consists of a minimum of 12 credits from the courses listed below, or other courses with the approval of the departmental undergraduate advisor. Only one non-AN-C course from the following list may count towards the minor. In order to graduate with an Anthropological Archaeology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Courses for the Minor

ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

ANTHC 12700 - Methods In Archaeological Science

Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 22600 - Archaeology of Africa

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies.
prereq: ANTHC 12600 or perm instr.
ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B
Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 32000 - Problems in Anthropology

GER
3/B
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.
prereq: perm instr.
3 hrs
3 cr.
offered every sem.

ANTHC 32600 - Rise of Old and New World Civilizations

GER
3/B
Theoretical and empirical examination of development of urbanism and state, in the Old and New Worlds.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 32700 - Prehistoric Cultural Ecology

GER
3/B
Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr
3 hrs
3 cr.

ANTHC 34600 - Analytic Methods in Archaeology

GER
3/B
Theory and methods of analysis of materials recovered from archaeological excavations and surveys.
prereq: ANTHC 12600 or perm instr.
5 hrs (3 hrs lec, 2 lab)
4 cr.

ANTHC 42600 - Seminar in Archaeological Field Methods

Pluralism and Diversity
See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

ANTHC 42659 Archaeology of North America meets PD/B
ANTHC 42660 Archaeology of Colonialism meets PD/D
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

Non ANTHC Courses:

ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr.

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B
A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
ofered fall and spring.

GEOL 10000 - Introduction to Geology

Hunter Core
Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

Minor in Anthropology

The Anthropology Minor provides students an overview of the discipline through survey courses in each of the four primary subfields of anthropology. It is designed to help students appreciate the significance of, and relations between, language, biology, and culture, for human beings past and present. The minor consists of four courses for a total of 13 credits. In order to graduate with an Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

The minor includes the following three required courses:

ANTHC 10100 - Introduction to Cultural Anthropology

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/A
GER
2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

ANTHC 15100 - Introduction to Linguistics

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr.

Plus one additional course selected from the following two options:

ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10200 (STEM) - Human Variation

Hunter Core
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
GER
2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation
Minor in Cultural Anthropology

The Cultural Anthropology Minor introduces students to the study of contemporary human cultures through a focus on cross-cultural similarities and differences in such areas as kinship, politics, economics, religion, sexuality, gender, and artistic production. The minor consists of a minimum of 12 credits from the courses listed below, as well as others that may be approved by the departmental undergraduate advisor. In order to graduate with a Cultural Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Courses (12 cr.):

**ANTHC 10100 - Introduction to Cultural Anthropology**

- **Hunter Core**
- **Individual and Society (Social Sciences) - I&S SS**
- **Pluralism and Diversity**
- **PD/A**
- **GER**
- 2/B

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

3 hrs
3 cr.
offered every sem.

**ANTHC 20100 - The Middle East: Societies and Cultures**

- **Pluralism and Diversity**
- **PD/A**
- **GER**
- 3/B

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.

3 hrs
3 cr.

**ANTHC 21400 - The Caribbean: Societies and Cultures**

- **Pluralism and Diversity**
- **PD/A**
- **GER**
- 3/B

Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
Exercises anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.

**prereq:** ENGL 12000

**3 hrs**

**3 cr.**

**ANTHC 27500 - Reading Ethnographies (W)**

Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.

**prereq:** ANTHC 10100 or perm instr.

**prereq or coreq:** ENGL 12000

**3 hrs**

**3 cr.**

**ANTHC 30100 - Gender in Anthropological Perspective**

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.

**cross-listed** WGSC 30100

**prereq:** ANTHC 10100 or perm instr.

**3 hrs**

**3 cr.**

**ANTHC 30700 - Anthropology of Religion**

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
ANTHC 30900 - Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.

Prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 31000 - Politics and Power in Anthropological Perspective

Pluralism and Diversity
PD/A
GER
3/B

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.
Prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 31100 - Anthropology of Art

Pluralism and Diversity
GER 3/B
Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.
3 hrs
3 cr.

ANTHC 31200 - Anthropological Approaches to Sexuality

Pluralism and Diversity
PD/C
GER
3/B

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.
Prereq: ANTHC 10100
3 hrs
3 cr.

ANTHC 31500 - Applied Anthropology

GER
3/B
Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.

*prereq: ANTHC 10100 or perm instr.*
3 hrs
3 cr.

**ANTHC 31800 - History of Anthropological Theory**

**Pluralism and Diversity**

**PD/D**
**GER**
3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.

*prereq: ANTHC 10100 or perm instr.*
3 hrs
3 cr.

**ANTHC 32000 - Problems in Anthropology**

**GER**
3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.

*prereq: perm instr.*
3 hrs
3 cr.
offered every sem.

**ANTHC 32200 - Family and Household in Anthropology and History**

**Pluralism and Diversity**

**PD/C**
**GER**
3/B

Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.

*prereq or coreq: ANTHC 10100*
3 hrs
3 cr.

**ANTHC 32500 - Special Projects and Independent Research in Anthropology**

**GER**
3/B

*prereq: perm instr.*
3 hrs
3 cr.
offered every sem.

**ANTHC 35100 - Language in Culture and Society**

**GER**
3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.

*3 hrs*
*3 cr.*

**ANTHC 40000 - Honors Projects**

*prereq: perm chair*
*offered every sem.*

**ANTHC 40100 - Seminars in Selected Topics**

Topics TBA.

**Minor in Linguistic Anthropology**

The Linguistic Anthropology Minor introduces students to the comparative and interdisciplinary study of language as a cultural resource and speaking as a cultural practice. In its study of the ways in which language and culture are interrelated, linguistic anthropology often draws from linguistics, sociology, psychology, philosophy, communication studies, as well as education, semiotics, and ethnic and literary studies.

**Minor in Linguistic Anthropology**

The Minor consists of a minimum of 12 credits from any of the following courses, or other courses with approval of the departmental undergraduate advisor. In order to graduate with a Linguistic Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor. Choose from courses below:

**ANTHC 15100 - Introduction to Linguistics**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**GER**
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

*3 hrs*
*3 cr.*

**ANTHC 32000 - Problems in Anthropology**
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.

*prereq: perm instr.*

3 hrs
3 cr.
offered every sem.

**ANTHC 35100 - Language in Culture and Society**

**GER**

3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.

3 hrs
3 cr.

**ANTHC 35400 - Grammatical Analysis and Theory**

**GER**

3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.

*prereq: ANTHC 15100 or equiv.*

3 hrs
3 cr.

**ANTHC 40100 - Seminars in Selected Topics**

Topics TBA.

**Minor in Middle East Studies**

The Minor in Middle East Studies seeks to develop students' understanding of the complex and interconnected political, economic, cultural, environmental, linguistic, historical, and religious issues in the region by fostering critical, interdisciplinary and global approaches to the study of the Middle East and its diasporas. To this end, the Minor in Middle East Studies (MMES) requires completion of a minimum of 12 credits (4 courses). In addition, students are encouraged to fulfill the college language requirement through study of a regional language. However, there is no language requirement for the MMES. No grade below B- shall be considered to fulfill these requirements.

**Admission to the Minor**

Students who have completed at least 3 credits of relevant coursework in Middle East Studies (including regional languages) with an average GPA of 3.0 may apply for admission to the Minor. To declare the Minor, students will complete the Minor Declaration form and meet with the Director. For advising purposes students are encouraged to apply early in their academic careers. Any Middle East Studies related courses taken prior to declaring the Minor shall
count toward the 12 credit minimum for the Minor in Middle East Studies. Credits earned toward the Minor in Middle East Studies shall not also count toward the fulfillment of Major or other Minor requirements.

**Introductory survey course: 3 cr**

All students will take one survey course in Middle East Studies chosen from among the following, or another general survey course subject to approval by the Director:

**ANTHC 20100 - The Middle East: Societies and Cultures**

**Pluralism and Diversity**
**PD/A**
**GER**
**3/B**

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.

*3 hrs*

*3 cr.*

**HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)**

**Pluralism and Diversity**
**PD/A**

Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.

Courses at the 300-level and above not offered to freshmen.

*3 hrs*

*3 cr.*

**HIST 27651 - The Modern Middle East from 1800 to the Present (W)**

**Pluralism and Diversity**
**PD/A**

The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.

Courses at the 300-level and above not offered to freshmen.

*3 hrs*

*3 cr.*

**MUSHL 24300 - Music of the Middle East**

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.

*prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor*

*3 hrs*

*3 cr.*
POLSC 26300 - Government and Politics in the Middle East (W)

**Pluralism and Diversity**
PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

Additional courses may be developed to fulfill this requirement

**Electives: 9 cr**

In addition, students will take a minimum of 9 credits in electives, and must choose at least one class focusing on the Middle East from each of the following three areas of concentration:

I) Historical Formations
II) Society and Politics
III) Arts, Literatures, and Cultures

Students may petition for other courses to fulfill the elective requirement. See list below for currently offered courses that meet these requirements:

- List of Selected Approved Courses for the Minor in Middle East Studies

Students may fulfill 3 of the 9 credit hour elective requirement with advanced language and literature classes (3rd year and beyond), for Area of Concentration III) Arts, Literatures and Cultures. With the approval of the Director, students may take an independent study and one course from outside Hunter College to satisfy the requirements for the Minor.

**Minor in Physical Anthropology**

The Physical Anthropology Minor introduces students to the study of human evolution, including human variation, paleontology, genetics, and primatology. The Minor consists of a minimum of 12 credits. These must include ANTHP 101 Human Evolution (4 Cr). The remaining credits can be filled by any AN-P courses. Also, one (and only one) non-ANTHP course from the following list may count towards the minor. In order to graduate with a Physical Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

**Required course for the Minor:**

**ANTHP 10100 (STEM) - Human Evolution**

**Hunter Core**

Life and Physical Sciences (LPS) Scientific World (SW)

GER

2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

8 or more credits from any of the following courses:

Note: Only one non-ANTHP may be used for the Physical Anthropology Minor.

**ANTHP 10200 (STEM) - Human Variation**

**Hunter Core**
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
**GER**
2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

**ANTHP 30100 - Human Fossil Record**

**Pluralism and Diversity**
PD/C
**GER**
3/B

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.
*prereq: ANTHP 10100, 10200, or equiv.*
3 hrs
3 cr.

**ANTHP 30200 - Human Genetics**

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.

*prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500*
3 hrs
3 cr.

**ANTHP 31000 - Primate Ecology and Behavior**

**GER**
3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species.
*prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200*
3 hrs
3 cr.
ANTHP 31100 - Primate Evolution

GER
3/B

65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.

prereq: ANTHP 10100 or perm instr.
3 hrs
3 cr.

ANTHP 31200 - Primate Evolutionary Genetics

Examine evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.

prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500
3 hrs
3 cr.

ANTHP 31600 - Human Evolutionary Adaptations

GER
3/B

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.

prereq: ANTHP 10100 or ANTHP 10500
3 hrs
3 cr.

ANTHP 40100 - Seminars in Selected Topics

Course provides in-depth study of specific topics in field of physical anthropology.

prereq: prereq; depends on topic
3 hrs
3 cr.

Non ANTHP Courses:

ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs
3 cr.
offered every sem.
BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.

prereq: CHEM 10000, 10100
coreq: CHEM 12000, 12100
7 hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
fall only

GEOL 10000 - Introduction to Geology

Hunter Core
Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

PSYCH 16000 - Evolution and Behavior

GER
2/B
Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.

**prereq:** PSYC 10000

3 hrs

3 cr.

**Art and Art History**

**Overview**

The Department of Art and Art History offers a wide variety of courses for majors and non-majors. Art History is the study of works of art and architectural monuments in their cultural environment. Students learn to develop their powers of critical visual analysis and how to apply these historically to works of Western and Non-western art. The 30-Credit Art History Major BA is intended for students interested in a liberal arts education in the humanities or students planning to continue their art history studies in a graduate program. A broad range of courses from different fields, rather than specialization in one area, is encouraged.

In Studio Art, two academic degrees are offered: the BA, either 24-credit or 42-credit; and the BFA, 61 credits. The 24-credit BA is recommended for the student interested in a liberal arts education, particularly those interested in double majoring in Art History, or in other majors. The 42-credit BA is an intensive major recommended for the student who prefers a greater concentration in studio art and particularly for the student who plans to do graduate study in art. The BFA gives students the prolonged, intense focus on studio practice, contemporary art and theoretical issues, which is the kind of training typically regarded as an excellent education in the field of fine arts. This competitive program prepares students to compete for entry into MFA programs nationwide.

**What can I do with my degree in Art or Art History?**

Students who major in Art or Art History develop skills that are highly valued by employers. These skills include: critical and creative thinking; oral, written, and visual communication skills; the ability to take multiple approaches to solving problems; adaptability; the ability to work effectively individually and collaboratively; the ability to interpret cultures; organization; research and synthesis. Graduates may find employment in museums and other arts organizations, government, nonprofits, educational institutions, and businesses. The new undergraduate Arts Management and Leadership Certificate program consisting of courses drawn from several departments and housed in the Department of Urban Policy and Planning is intended for students interested in careers in both the visual and the performing arts; it relies on businesses and organizations in New York City for internships, events and exhibitions, and discussions with artists and other arts professionals. The BA in Art History and the 42-credit BA in Studio Art provide excellent preparation for students who plan to complete graduate studies in the field. The BFA prepares students for MFA programs.

**Programs and Courses**

Programs and Courses in Art and Art History

**Honors**
Students majoring in Art History who wish to graduate with honors must consult an adviser to make an official application for consideration by the faculty members on the Undergraduate Art History Committee on Honors. Major credits must have been completed with a 3.7 grade point average, and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Students must submit a research paper written for Research Methods of Art History or an Advanced Studies Seminar, with the instructor's comments, edits, and grade, to the department's Undergraduate Art History Committee on Honors. The paper must have received a minimum grade of A-. Papers written for other art history courses may be considered if they conform to the requirements for an Advanced Studies Seminar; consult with an adviser. The committee will review the complete application to determine if the student merits departmental honors.

Students majoring in Studio Art who wish to graduate with honors must consult with an adviser to make an official application. Major credits must have been completed with a 3.5 grade point average, and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Students must submit work from an advanced studio special topics course ARTCR 36000 or independent study project (ARTCR 40200).

Internships

In-service Learning Program in Art History

Administration and Faculty

Chair:

Howard Singerman
N11054
(212) 772-5051
howard.singerman@hunter.cuny.edu

Department Office:

11054 North
(212) 772-4995
fax (212) 772-4458
http://www.hunter.cuny.edu/~art

Faculty

Art Faculty

HEGIS Code: 1002 (Studio Art); 1003 (Art History)

Art History - BA

The Department of Art and Art History offers introductory, intermediate and advanced courses in art history. The major consists of 33 credits. No more than 15 credits transferred from another institution may be applied to the major. The Art History BA is intended for students interested in a liberal arts education in the humanities or students planning to continue their art history studies in a graduate program. A broad range of courses from different fields, rather than specialization in one area, is encouraged. Majors who have completed 3 credits in art history beyond ARTH 1100 are eligible to take the required seminar, Research Methods of Art History ARTH 30000, to be programmed in consultation with an art history adviser. Majors planning graduate study in art history should discuss with an art history adviser the
requirements for graduate admission, including graduate language requirements; this should be done during an early semester. Students may declare a double major in Studio Art (24 cr).

Note: At least one class numbered ARTH 31100 (W) - ARTH 38100 (W) must be taken in the major (either to fulfill a distribution area or as a major elective).

**Hunter Core Requirement**

Note: Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the art history major, the course that meets CCC is:

**Course CUNY Common Core**

ARTH 11100 Individual and Society (H)

*Please note that no more than two courses from any one department will count for the CUNY Common Core.*

**Courses Required for the Major (33 credits)**

1. **Introduction to the History of Art**

**ARTH 11100 - Introduction to History of Art**

**Hunter Core**

Individual and Society (Humanities) -I&S H  
**Pluralism and Diversity**

PD/D  
GER  
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs  
3 cr. cr

2. One course in each of four distribution areas 12 cr.

**Distribution areas**

1. Ancient and Medieval (including Egyptian, Greek, Roman)  
2. Renaissance, Baroque, and 18th century (including Colonial Latin American)  
3. Modern: 19th, 20th and 21st century (including Modern Latin America)  
4. Islamic, Asian (including Chinese, Japanese, and Indian), and African

Note: Distributions can be met via 20000, 31000-38100 or 41000-48000-level courses. If in doubt consult with an advisor.
3. Required Courses 6 cr.

**ARTLA 20100 - Art Foundations: Seeing, Thinking, Making**

This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

Material fee: $25.00

4 hrs.

3 cr.

**ARTH 30000 - Research Methods of Art History Seminar (W)**

**GER**

3/A

Training in fundamental methods of learning and writing about work of art through visual analysis and arthistorical research, focusing on a particular area in art history, and culminating in a substantial academic research paper. This course is for Art History majors and minors and Studio Art majors only.

*prereq: ARTH 11100 and one 200-level art history course. Open only to Art History majors and minors and Studio Art majors.*

3 hrs

3 cr.

4. At least one Advanced Studies Seminar (41000-48000 level) 3 cr.

(Prerequisite: ARTH 30000 Research Methods) 3 cr.

5. Three additional courses 9 cr.

Students must take 3 additional courses, from any of the department offerings in art history at the 20000, 30000 or 40000 level

**Notes:**

- At least one class numbered 31100-38100 (W) must be taken in the major (either to fulfill a distribution area or as a major elective). Only grades of C and above can be counted toward the Art History major.
- Three credits in ARTH 40200 Independent Study in Art History or- ARTH 49800 Internship In service (Internship) may count toward the major and up to 3 three additional credits in ARTH 49800 In service (Internship) may be approved as elective credit toward the BA degree (but not toward the major).
- ARTLA 20100 Art Foundations: Seeing, Thinking, Making, or any studio course taken for the Studio Art 24cr major, cannot count toward both the Studio Art (24cr) major and the Art History major. To replace the ARTLA 20100 requirement, Art History majors double-majoring in Studio Art (24cr) must choose a replacement course in consultation with the Art History adviser. The replacement course may be a Studio Course (ARTCR), an Art History course (ARTH), or a cognate in another department, such as Classics, Religion, or History.

**Graduate Study**
The Department of Art and Art History offers a number of courses, listed in the Graduate Catalog, that may be credited toward the degree of bachelor of arts. Qualified undergraduate art history students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

Honors

Art History Major students wishing to graduate with honors must consult an adviser to make an official application for consideration by the faculty members on the Undergraduate Art History Committee on Honors. Application forms are in the Art and Art History office, Room 11054 Hunter North. Major credits must have been completed with a 3.7 grade point average, and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Students must submit a research paper written for Research Methods of Art History ARTH 30000 or an Advanced Studies Seminar ARTH 41000-ARTH 48000 with instructor's comments, edits, and grade, to the department's Undergraduate Art History Committee on Honors. The paper must have received a minimum grade of A-. Papers written for other art history courses may be considered if they conform to the requirements for an Advanced Studies Seminar; consult with an adviser. The committee will review the complete application to determine if the student merits departmental honors.

Degree Map for Art History

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Art History major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- HCR - Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
**Spring**

**ARTH 11100 - Introduction to History of Art**

**Hunter Core**  
Individual and Society (Humanities) - I&S H  
**Pluralism and Diversity**  
PD/D  
**GER**  
2/D

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

* 3 hrs  
* 3 cr. cr

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**  
English Comp (EC)  
**GER**  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*  
* 3 hrs + one additional conference hour  
* 3 cr.*

### Sophomore Year

**Fall**

**ARTLA 20100 - Art Foundations: Seeing, Thinking, Making**

This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

*Material fee: $25.00*  
* 4 hrs.  
* 3 cr.*
春

**ARTH 30000 - Research Methods of Art History Seminar (W)**

**GER**
3/A

Training in fundamental methods of learning and writing about work of art through visual analysis and arthistorical research, focusing on a particular area in art history, and culminating in a substantial academic research paper. This course is for Art History majors and minors and Studio Art majors only.

*prereq:* ARTH 11100 and one 200-level art history course. Open only to Art History majors and minors and Studio Art majors.

3 hrs
3 cr.

- ARTH - Major Distribution Area 2
- Foreign Language - Intermediate Level II
- Elective
- Elective

**Junior Year**

秋

- ARTH - Major Distribution Area 3
- ARTH - 200 or 300 Level Elective
- Elective
- Elective
- HCR - Concentrated Study

春

- ARTH - Major Distribution Area 4
- ARTH - 200 or 300 Level Elective
- Elective
- Elective
- Elective

**Senior Year**

秋
• ARTH - 400 Level Advanced Study Seminar
• Elective
• Elective
• Elective
• Elective

Spring

• ARTH - 200, 300 or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Minor in Art History

The Art History minor requires students to take 12 credits in Art History as follows: ARTH 11100 - Introduction to History of Art, followed by 9 credits selected from the other department offerings. No more than 6 credits transferred from another institution may be applied to the minor.

Studio Art - BA

Return to Programs and Courses in Art and Art History

• Studio Art 24-Credit Major (BA)
• Studio Art 42-Credit Major (BA)

Electives

All courses, unless otherwise specified, are open to qualified students majoring in other areas.

Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

ARTCR 36000 - Special Topics

Topics in studio art are announced prior to registration each term. One Special Topics course may be taken to meet concentration requirements in the 42 credit degree.

Material Fee: $50
prereq: ARTLA 20100
3 hrs + 5 hrs open studio
3 cr.
ARTCR 40200 - Independent Study in Studio Art

prereq: ARTLA 20100  
1-3 hrs  
1-3 cr. per semester

Graduate Study

The Department of Art offers a number of courses, listed in the Graduate Catalog, that may be credited toward the degree of bachelor of arts. Qualified students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

Studio Art - BFA

This degree is open to the student who wants to complete work in studio art beyond the 42-credit major and particularly the student who intends to pursue a career as a professional artist and attend graduate school. Students follow the regular Hunter Core Requirement - Fall 2013 to Spring 2019 for the BA degree. Departmental approval of the 61-credit BFA concentration is required. Students who have successfully completed 90 credits may apply to the BFA program, pending an interview with the BFA adviser. Students are required to maintain a GPA of 3.0 in this program. Required courses are as follows:

Hunter Core Requirement

Courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.

Major: 61 credits

Core Courses (6 credits) - 6 cr.

ARTLA 20100 - Art Foundations: Seeing, Thinking, Making

This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

Material fee: $25.00  
4 hrs.  
3 cr.

ARTLA 20200 - Art Foundations: Methods and Techniques

ARTLA 20200 is the second part of the foundation-year course requirement for 42-credit BA and BFA art majors. This class is open to any student who has taken ARTLA 20100 or the equivalent. The class will be taught by one instructor who will introduce the student to the fundamental skills of drawing, sculptural methods, new genres technologies.
Museum/gallery visits, and written analysis of exhibitions will be assigned to help build an understanding of how skill and technique are implemented in the conceptual creation of art. This is a baseline course, and will facilitate learning as the student progresses to one of our study areas of Painting, Sculpture, New Genres, Ceramics, Drawing or Printmaking.

**prereq:** ARTLA 20100
4 (+ 5 hrs independent studio)
3 cr.

**Concentration Courses (9 credits)**

4 (ARTCR) classes in an area of study can include only one ARTCR 36000
12 credits

**Studio Art Courses (12 credits):**

4 (ARTCR) studio classes outside the area of study 12 credits

**Art History (9 credits)**

3 (ARTH) art history courses, one of which must be ARTH 35100 Special Topics Lecture in Modern Art (W)

**Capstone Course (3 credits)**

ARTLA 40600 2D/3D/4D Capstone Seminar 3 credits

**After admission to BFA program:**

ARTCR 40500 Art and Current Ideas II 3 credits

ARTCR 45900 Professional Experience in Art I 6.5 credits

ARTCR 46000 Professional Experience in Art II 6.5 credits

An additional art history course (ARTH)

**Honors**

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0.

**Studio Art 24-Credit Major (BA)**

The 24-Credit Major (BA) is recommended to the student interested in a liberal arts education, particularly those interested in double majoring in Art History, or in other majors in the college. It consists of eight courses in the major subject, normally one 3-credit course per semester, beginning with ARTLA 20100, followed by an additional 21 credits selected from 20000- and 30000-level ARTCR courses. ARTCR 22100 Drawing is recommended but not required. Repeated and additional courses cannot count towards the BA degree.
The 24-credit major in creative art consists of eight courses:

Core Course (3 credits)

**ARTLA 20100 - Art Foundations: Seeing, Thinking, Making**

This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

Material fee: $25.00

4 hrs.  
3 cr.

Studio Art Courses (21 credits)

7 courses selected from ARTCR 20000 and 30000 level courses.

Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

Degree Map

Degree Map for Studio Art (24 cr.) BA

**Studio Art 42-Credit Major (BA)**

Return to Studio Art BA

The 42-credit Major (BA) is an intensive major recommended for the student who prefers a greater concentration in studio art and particularly for the student who plans to do graduate study in art.

Courses Required for the Major

1. Two introductory classes:  
   - ARTLA 20100 Art Foundations: Seeing, Thinking, Making  
   - ARTLA 20200 - Art Foundations: Methods and Techniques
2. Four (ARTCR) classes (12 credits) in one area of study can include only one ARTCR 36000  
   - Please note that the core courses in an area of study can be repeated once for credit if taken with a different instructor.
3. Four (ARTCR) (12 credits) studio classes outside the area of study  
   - Please note that the courses to be taken in and out of the area of study should be determined in consultation with a departmental adviser.
4. Three (ARTH) (9 credits) of study in art history, at least one of which must be in contemporary or modern art, i.e. ARTH 24900, ARTH 25000, ARTH 25100, ARTH 24700, ARTH 25700, ARTH 35100, ARTH 45000

5. ARTLA 40600 - 2D/3D/4D Capstone Seminar 3 credits, to be taken towards the end of the degree.

Double Majors

Students in the 42-credit Studio Art major may not double major in Art History, but they may minor in Art History, by fulfilling the requirements for an Art History minor in addition to the 9 ARTH credits required for the Studio Art 42-credit major.

30 credit ARTCR limit

While the major requires fewer than the 30 credits of ARTCR that can be counted toward the BA degree, whether in the major or as college electives, we encourage students to take the full 30 credits of ARTCR allowed.

Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

Degree Map

Degree Map for Studio Art (42 cr.) BA

Asian American Studies

Overview

The Asian American Studies Program (AASP) is an interdisciplinary program and offers a range of courses on the history and contemporary experiences of Asian immigrants to the Americas, with close attention paid to how Asian immigrants are an integral part of the history of the United States, continuously redefining American culture and reconstituting American society.

The AASP is located in a global city, with unmatched cultural and intellectual resources and diverse and dynamic Asian populations: our faculty and students actively contribute to scholarship and advocacy in the field of Asian American studies as engaged members of New York City's diverse Asian American communities and community-based organizations. Our courses are discussion-driven and firmly rooted in the belief that linkages between theory and practice must always be maintained; as a result, our program works actively to be a bridge between the Hunter College campus community and the city and nation's rapidly expanding APA populations.

The program draws its faculty and course offerings from traditional disciplines such as history, sociology, anthropology, political science, education and literature, as well as interdisciplinary fields such as American ethnic studies; women, gender, and sexuality studies; postcolonial studies; international human rights; and policy studies. The AASP grounds its curriculum in the firm belief that a rigorous intersectional approach to Asian American studies necessitates an alliance of these areas and methods of study.
What can I do with my minor in Asian American Studies?

Graduates who minor in Asian American Studies enter careers including business, international trade and industry, teaching and academic research, diplomacy, development agencies and immigration and social service.

Programs and Courses

Programs and Courses in Asian American Studies

Administration and Faculty

Director:

Vivian Louie
(212) 772-4053
v1923@hunter.cuny.edu

Program Office:

1338 Hunter West
Web site: http://www.hunter.cuny.edu/aasp

Affiliated Faculty

Asian American Studies Faculty

Minor in Asian American Studies

The interdisciplinary Asian American Studies Minor provides students with focused competence in the histories and contemporary experiences of diverse Asian diasporic communities, including but not limited to those of North America. As one of only a few Asian American Studies programs in the tri-state area, the AASP offers its Minors a unique opportunity to gain the knowledge and skills necessary to make meaningful contributions to the city and nation's growing APA communities.

A Minor consists of a minimum of 12 credits and can be made up of any courses offered by—or cross-listed with—the Asian American Studies Program, excluding ASIAN 360.02 (East Asia to 1600) and ASIAN 360.03 (China since 1800). No more than 6 Minor credits may be transferred from another institution. Please note that a number of 300-level courses in Asian American Studies may be used to satisfy requirements in the ENGL, POLSC, and WGS majors: see individual courses for details.

Biological Sciences

Overview
The Department of Biological Sciences offers a single major for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. The major in Biological Sciences has the following concentrations: Biological Sciences: Basic concentration; Behavioral Neurobiology; Bioinformatics; and Biophysics. The Department stresses excellence in both teaching and research. Fully equipped research laboratories are supported by major federal grants and students are strongly encouraged to become involved in laboratory research. State-of-the-art flow cytometry and bioimaging facilities are housed within the department. They have been created and are funded by federal grants, New York State and the Center for Basic and Translational Research. The Center consists of faculty from the departments of Biological Sciences, Chemistry, Physics and Psychology working in the areas of biomolecular structure and function.

What can I do with my degree in Biological Sciences?

The core curriculum in biological sciences prepares students for admission to both graduate and medical schools and for careers in the biological sciences, including teaching and the growing industry of biotechnology. The curriculum emphasizes cell biology, molecular biology, developmental biology, genetics and neurobiology as the foundation for future careers in fields related to the biological sciences. The Biology BA prepares students who are interested in applying to graduate school in the biological sciences or professional schools of medicine, dentistry, veterinary medicine and other health professions as well as students who are interested in careers in the rapidly growing field of biotechnology. In conjunction with the Hunter College School of Education, the Biology department offers opportunities for students to prepare for teaching careers in elementary and secondary schools.

Programs and Courses

Programs and Courses in Biological Sciences

Research Opportunities

Undergraduate Research Students who wish to undertake a research project under the supervision of a faculty member must first obtain written permission from that faculty member and then register for BIOL 48000. Research opportunities for undergraduates at Hunter are available in cell and molecular biology, developmental biology, neuroscience, cancer biology, AIDS, microbiology and a variety of other contemporary areas. In some cases students may be permitted to work at one of the several neighboring research institutions. Synopses of faculty research interests can be obtained in the department office or from the Department of Biological Sciences Website http://Biology.hunter.cuny.edu). In addition, there are summer research opportunities available at Cold Spring Harbor Laboratory and Woods Hole Research Center through the Howard Hughes Medical Institute. Please note that, to qualify for departmental honors at graduation, there is a research requirement.

Honors

In order to qualify for departmental honors, students must have a departmental GPA of at least 3.5 and an overall GPA of at least 3.0. They must also satisfy a research requirement.

Administration and Faculty

Chair:
Derrick Brazill  
803 Hunter North  
(212) 650-3144  
E-mail: brazill@genectr.hunter.cuny.edu  

Department Office:  
HN-927  
(212) 772-5293  
fax: (212) 772-5227  
Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM  

Faculty  

Biological Sciences Faculty  

HEGIS Codes: 0401 (BA); 0499 (BA/MA in Biotechnology)  

BA/MA in Biological Sciences and Adolescent Education:  
Biology  

This is an accelerated program leading to a BA in Biological Sciences and an MA in Adolescent Education: Biology. Undergraduates admitted to the program start graduate courses during their senior year and will be able to complete the MA degree one year after they complete the requirements for the BA degree. Interested students should contact a Biology Department adviser early in their undergraduate career.  

Biological Sciences with Specialization in Biotechnology - Accelerated BA/MA  

In this five-year program, qualified biology majors begin graduate work as seniors and receive the MA one year after completing BA requirements. Students are provided with theoretical knowledge and skills in molecular biology and a foundation for application of these skills in careers in the biotechnology and pharmaceutical industries, academic research, or public health. Successful completion of the biotechnology workshop (BIOL 61000 see graduate catalog), an essential program component, entitles students to a summer internship in an industrial or private research laboratory. Interested biology majors should contact a departmental adviser as early as possible.  

Biological Sciences: Basic concentration - BA  

Biology with Specialization in Biotechnology - MA  

Biological Sciences- BA  

The Department of Biological Sciences offers a single major for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. Students planning to pursue a Biology major are strongly encouraged to declare their major as soon as possible after completing one semester of Principles of Biology.
Declared majors are assigned a permanent faculty adviser who will assist in individual curriculum planning. Students are required to meet with their adviser at least once each semester throughout their undergraduate career to discuss their program and progress.

Biology Concentrations

The major in Biological Sciences has the following concentrations:

- Biological Sciences: Basic concentration
- Behavioral Neurobiology
- Bioinformatics
- Biophysics

CR/NC Policy

Only a letter grade (A, B, C, D, including + or -) will be accepted by the department in the required science and mathematics courses for the biology major.

Opportunities for Undergraduate Research

Undergraduate Research Students who wish to undertake a research project under the supervision of a faculty member must first obtain written permission from that faculty member and then register for BIOL 48000. Research opportunities for undergraduates at Hunter are available in cell and molecular biology, developmental biology, neuroscience, cancer biology, AIDS, microbiology and a variety of other contemporary areas. Students are also permitted to work at one of the several neighboring research institutions. Synopses of faculty research interests can be obtained in the department office or from the Department of Biological Sciences Website http://Biology.hunter.cuny.edu). In addition, there are summer research opportunities available at Cold Spring Harbor Laboratory and Woods Hole Research Center through the Howard Hughes Medical Institute. Please note that, to qualify for departmental honors at graduation, there is a research requirement.

Honors Work

In order to qualify for departmental honors, students must have a departmental GPA of at least 3.5 and an overall GPA of at least 3.0. They must also satisfy a research requirement consisting of either, choose one (a) or (b):

(a) at least 2 research credits of

BIOL 48000 - Introduction to Experimental Biology

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.
prereq: BIOL 10000 and 10200, Departmental permission prior to registration.
hrs TBA
1-2 cr. per sem.

**BIOL 48100 - Introduction to Experimental Biology**

GER
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.

prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
TBA
1-2 credits per semester

(b) at least one course chosen from among

**BIOL 39000 - Laboratory in Cell Structure**

GER
3/B

Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.
**BIOL 39100 - Laboratory in Cell Structure -- Biological Electron Microscopy**

The students will learn basic concepts of transmission electron microscope, principles of biological sample preparation for transmission electron microscopy, various electron microscopy applications, to be familiar with the morphology of different organelles inside the mammalian cell, and understand the functions of each organelle. Lab projects involve: (1) perfusion fixation of mouse tissues; (2) routine transmission electron microscopy sample preparation; (3) techniques and tools used for microtomy; (4) transmission electron microscope alignment; and (5) imaging various cellular ultra-structures using a transmission electron microscope.

**prereq or coreq: Instructor Permission**
7 hrs.  
4 cr.  
*spring only*

**Additional Information**

The research requirement includes a written report resulting from work in any of these courses.

**Teacher Education Pathway**

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

**MA Program in Biological Sciences**

See Career Planning-Graduate Study.

**Biological Sciences: Basic concentration - BA**

**Return to: Biological Sciences- BA**

The basic major is for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. Students planning to pursue the biology major are strongly encouraged to declare their major as soon as possible. Declared majors are assigned a permanent faculty advisor who will assist in individual curriculum planning. Students are required to meet with their advisor at least once each semester throughout their undergraduate career to discuss their program and progress.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core
Requirement can be found here: General Education - Effective Fall 2019. In the case of the Biology major: Basic Concentration, the courses that meet CCCR are:

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**

PD/C or D

**GER**

2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only*

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**

PD/C or D

**GER**

2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only*

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Major (67-83 credits)**

This major consists of 9 credits of introductory biology (BIOL 10000 (STEM)-BIOL 10200 (STEM)) and a 24.5-credit concentration in biology at the 20000-level and higher. The biology concentration consists of a 13.5-credit core—BIOL 20300, BIOL 30000, BIOL 30300—and 11 credits of electives. Together, introductory biology and the concentration
satisfy the major requirement for certification as a teacher of biology in grades 7-12. Additional science and math requirements for Major I are listed below.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Math Sequence (3-17 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)
3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

*Note: This course is equivalent to MATH12500 for grade replacement purposes.*

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.*

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs
4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.
prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

A. Introductory Biology (9 credits)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation;
mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

B. 200-level and higher Concentration in Biology and Additional Courses (55-57 credits)

1. Required Courses (44-46 credits)

**BIOL 20300 - Molecular Biology and Genetics**

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

**prereq:** Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
**coreq:** CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

**BIOL 30000 - Biological Chemistry**

**GER**
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
**prereq:** Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

**BIOL 30300 - Cell Biology**

This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and
laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell
biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for
examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic
and eukaryotic systems). 2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell
proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3.
Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and
cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to
membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This
includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and
intracellular trafficking. 5. Cell Communication: Cellular differentiation, cell–cell communication, and an introduction
to development.

prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general
chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

-or-

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER 2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

*These courses may be counted for credit in more than one program.

2. Electives (11 credits)

Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, at least one special-topics course must be taken (BIOL 47000 or BIOL 47100 or BIOL 79000; various topics offered each semester) in addition to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major (e.g. BIOL 12000, BIOL 12200, and BIOL 23000). Please read the course descriptions carefully to identify those courses. If you have any questions about which courses can be used as major electives, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits are taken as a BIOL 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course. Laboratory research credits can also be obtained from BIOL 61000. Together, introductory biology and the concentration (64.5 credits) satisfy the major requirement for certification as a teacher of biology in grades 7-12.

Note(s)

*We recommend that math, physics and chemistry courses be completed as early as the student’s schedule allows. Note that CHEM 22200 and CHEM 22300 must be taken prior to BIOL 30000; otherwise, instructor permission is required. Students who are behind in the chemistry sequence are urged to take advantage of the summer session, during which these chemistry courses are usually offered.

Degree Map for Biological Sciences: Basic Concentration

Degree Map for Biology: Basic Concentration
Biological Sciences: Concentration in Behavioral Neurobiology- BA

The concentration in Behavioral Neurobiology within the Department of Biological Sciences, one of the options for Major I, has the following required courses and schedule.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Courses Required for the Major (72.5-90.5 credits)

Math Sequence (0-13 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)

3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs

1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in
trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550.*

4 hrs

4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

*prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.*

2 hrs

1 cr.

**MATH 15000 (STEM) - Calculus I**

Hunter Core
Math/Quantitative Reasoning

GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs

4 cr.

Other Required Courses (63.5-64.5 credits)

**BIOL 10000 (STEM) - Principles of Biology I**

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
PD/C or D

GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.
Material Fee: $10

prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

**BIOL 30300 - Cell Biology**

This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E
First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.

3 hrs
3 cr.

PSYCH 25000 - Experimental Psychology: General

GER
3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000, but not both.)

prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade; PSYCH 24800 with a minimum grade of C
6 hrs (2 lec, 4 lab)
4 cr.

PSYCH 24800 - Statistical Methods in Psychological Research

GER
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the
previous curriculum need not fulfill the science prerequisite.

prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12400 or 12500 or 12550 or STAT 11300 with a C or better, or appropriate score on math placement exam

prereq or coreq: ENGL 12000

4 hrs
4 cr.

**BIOL 47000 - Special Topics in Biology**

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

prereq: BIOL 30000

2 hrs (lec)
2 cr. per sem.

**Electives**

9 credits, 6 of which must be PSYCH

**PSYCH 30100 - Sensation and Perception**

GER
3/B

Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

prereq: ENGL 12000, PSYCH 24900 OR 25000, PSYCH 22400

3 hrs
3 cr.

**PSYCH 30900 - Behavioral Neuroendocrinology**

Pluralism and Diversity
PD/C
GER
3/B

An overview of how behavior is influenced by differential hormone action and how hormones influence the development and expression of sexually dimorphic behaviors. While a biology background is not required, this course will be a biology-based discussion of behavioral endocrinology.

prereq: ENGL 12000. PSYCH 24900 or 25000 and PSYCH 22400

3 hrs
3 cr.

**PSYCH 32700 - Motivation and Emotion**
The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

*prereq: ENGL 12000, PSYCH 24900 or 25000; and PSYCH 22400
3 hrs
3 cr.

**PSYCH 36900 - Behavioral Pharmacology**

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.

*prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 30000 or perm instr. and PSYCH 22400
3 hrs
3 cr.

**BIOL 37000 - Physiology of the Nervous System**

A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.

*prereq: BIOL 30000 or perm instr.
4 hrs (lec)
4 cr.
spring only

**BIOL 37600 - Endocrinology**

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.

*prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

**BIOL 38000 - Molecular Neurobiology**
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.

Prereq: BIOL 30000 or perm instr.

3 lec hrs
3 cr.
Fall only

* These courses may be counted for credit in more than one program.

Degree Map for Biological Sciences: Behavioral Neurobiology

Degree Map for Biological Sciences: Behavioral Neurobiology BA

Biological Sciences: Concentration in Bioinformatics - BA

Return to: Biological Sciences - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Courses Required for the Major (66-86 credits)

Math Sequence (0-17 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

Prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.
prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.  
*prereq: grade of C or better in MATH 15000*  
4 hrs  
4 cr.

**Other Required Courses (58-60 credits)**

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**  
Math/Quantitative Reasoning  
GER  
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.  
*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*  
3 hrs  
3 cr.

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
**Pluralism and Diversity**  
PD/C or D  
**GER**  
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.  
Material Fee: $5  
PD credit awarded only upon completion of BIOL 10000 and 10200.  
*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*  
7 hrs (3 lec, 3 lab, 1 disc)  
4.5 cr.  
*spring only*

**BIOL 20300 - Molecular Biology and Genetics**

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the
concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100) coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 30300 - Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing an integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2.Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5.Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr.
spring only

BIOL 42500 - Computational Molecular Biology

GER
3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.

Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

**prereq:** BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

**3 hrs**

**3 cr.**

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

**prereq or coreq:** MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

**5 hrs (4 lec, 1 rec)**

**4 cr.**

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)

**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

**prereq:** CHEM 10200 with grade of C or better

**5 hrs (4 lec, 1 rec)**

**4 cr.**

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

**prereq:** CHEM 10200

**coreq:** CHEM 10400
CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.

prereq: none
3 hrs
3 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

**PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
*prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500*
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

**PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
*prereq: PHYS 11000 or 11100*
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

*These courses may be counted for credit in more than one program.

**BIOL 10200 (STEM) prerequisite is waived***

**Electives (8 -9 credits)**

**ANTHP 30200 - Human Genetics**

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.

*prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500*
3 hrs
3 cr.

**CHEM 33300 - Computational Drug Discovery**

Computational exercises and literature analyses of drug-macromolecule interactions, computer-assisted drug design, metabolic engineering, and personalized medicine.
*prereq: CHEM 37600 or BIOL 30000 or permission of the instructor*
3 hrs
3 cr.

*offered spring*
STAT 31900 - Bayesian Statistical Inference in the Sciences

GER
3/B


prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).

Prerequisites waived for students who have passed STAT 311.

Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs
3 cr

BIOL 37500 - Molecular Evolution

GER
3/B

An overview of the various methods and kinds of data used in systematics, the study of organism diversity and biological relationships. Emphasis is on modern molecular and genetic approaches to identification of individual species and strains and full phylogenetic analyses of suites of species to determine their evolutionary history. The knowledge base is provided for experimental investigation of questions of current interest in phylogeny and population biology.

prereq: BIOL 30000 or perm instr.

3 hrs
3 cr.

BIOL 47000 - Special Topics in Biology

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

prereq: BIOL 30000

2 hrs (lec)
2 cr. per sem.

*Special Topics course BIOL 47083 Bioinformatics Workshop, 3 cr.

BIOL 47100 - Special Topics in Biology

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

prereq: BIOL 30000

3 hrs (lec)
3 cr. per sem.
* Topics courses BIOL 47119 Biomedical Genomics I, 3 cr., BIOL 47120 Biomedical Genomics II, 3 cr., BIOL 47105 Python Programming for Bioinformatics

**BIOL 48000 - Introduction to Experimental Biology**

**GER**
3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.

*prereq: BIOL 10000 and 10200, Departmental permission prior to registration.
hrs TBA
1-2 cr. per sem.
*These courses may be counted for credit in more than one program.
**BIOL 10200 pre-requisite is waived

**Degree Map for Biological Sciences: Bioinformatics BA**

Degree Map for Biological Sciences: Bioinformatics BA

**Biological Sciences: Concentration in Biophysics - BA**

Return to: Biological Sciences- BA

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 12500</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>MATH 15000</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>MATH 15500</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>BIOL 10000</td>
<td>Scientific World/Life and Physical Sciences</td>
</tr>
<tr>
<td>BIOL 10200</td>
<td>Scientific World/Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 10200</td>
<td>Scientific World/Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 10400</td>
<td>Scientific World/Life and Physical Sciences</td>
</tr>
</tbody>
</table>
CHEM 10600 (STEM)  Scientific World/Life and Physical Sciences

PHYS 11100 (STEM)  Scientific World/Life and Physical Sciences

PHYS 12100 (STEM)  Scientific World/Life and Physical Sciences

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Courses Required for the Major (68.5-88 credits)

Math Sequence (5-18 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

*Note: This course is equivalent to MATH12500 for grade replacement purposes.*

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.*

*Not open to students who have taken MATH 12500 or MATH 12550.*

4 hrs

4 cr.
MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.
prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

Other Required Courses (64.5-67 credits)

BIOL 10000 (STEM) - Principles of Biology I
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

 prerequisite: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

**BIOL 10200 (STEM) - Principles of Biology II**

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

 prerequisite: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

**BIOL 30000 - Biological Chemistry**

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prerequisite: BIOL 20300 and corequisite: CHEM 22200.

Material Fee: $10
prerequisite: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only
CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr.

PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws.
prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr.

**PHYS 42000 - Introduction to Biophysics**

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of macromolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.

*prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.*

4 hrs
4 cr.

**Electives (any 2)**

**BIOL 39000 - Laboratory in Cell Structure**

**GER**

3/B

Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.

*prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.*

7 hrs (2 lecture, 5 lab)
4.5 cr.
*fall only*

**BIOL 47000 - Special Topics in Biology**

**GER**

3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

*prereq: BIOL 30000*

2 hrs (lec)
2 cr. per sem.

**MATH 25400 - Ordinary Differential Equations**

**GER**

3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

*prereq: MATH 25000*

3 hrs
3 cr.

* Note: These courses may be counted for credit in more than one program.
Degree Map for Biological Sciences: Biophysics BA

Degree Map for Biological Sciences: Biophysics BA

Degree Map for Biological Sciences: Behavioral Neurobiology BA

Degree Map for Biology: Basic Concentration

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

- CHEM 10200 (STEM) General Chemistry I
- MATH 12550 (STEM) Precalculus with Workshop
- ENGL 12000 Expository Writing
- Foreign Language Requirement - Elementary Level 1
- Individual and Society (Social Sciences) I&S SS

Spring

- BIOL 10000 (STEM) Principles of Biology I
- CHEM 10400 (STEM) General Chemistry II
- CHEM 10600 (STEM) General Chemistry Laboratory
- ENGL 22000 Introduction to Writing about Literature (W)
- FOREIGN LANGUAGE Elementary Level 2

Sophomore Year
<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>BIOL 10200 (STEM) Principles of Biology II</td>
</tr>
<tr>
<td></td>
<td>CHEM 22200 Organic Chemistry Lecture I</td>
</tr>
<tr>
<td></td>
<td>PSYCH 10000 Introduction to Psychology</td>
</tr>
<tr>
<td></td>
<td>FOREIGN LANGUAGE Intermediate Level 3</td>
</tr>
<tr>
<td></td>
<td>Spring</td>
</tr>
<tr>
<td></td>
<td>BIOL 20300 Molecular Biology and Genetics</td>
</tr>
<tr>
<td></td>
<td>CHEM 22400 Organic Chemistry Lecture II</td>
</tr>
<tr>
<td></td>
<td>MATH 15000 (STEM) Calculus I</td>
</tr>
<tr>
<td></td>
<td>-or-</td>
</tr>
<tr>
<td></td>
<td>BIOL 15200 (STEM) Calculus for Life and Social Sciences</td>
</tr>
<tr>
<td></td>
<td>Foreign Language Requirement - Intermediate Level 4</td>
</tr>
<tr>
<td>Junior Year</td>
<td>Fall</td>
</tr>
<tr>
<td></td>
<td>BIOL 30000 Biological Chemistry</td>
</tr>
<tr>
<td></td>
<td>PHYS 11000 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound</td>
</tr>
<tr>
<td></td>
<td>-or-</td>
</tr>
<tr>
<td></td>
<td>PHYS 11100 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound</td>
</tr>
<tr>
<td></td>
<td>PSYCH 24800 Statistical Methods in Psychological Research</td>
</tr>
<tr>
<td></td>
<td>ELECTIVE</td>
</tr>
<tr>
<td></td>
<td>Spring</td>
</tr>
<tr>
<td></td>
<td>BIOL 30300 Cell Biology</td>
</tr>
<tr>
<td></td>
<td>PHYS 12000 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics</td>
</tr>
<tr>
<td></td>
<td>-or-</td>
</tr>
<tr>
<td></td>
<td>PHYS 12100 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics</td>
</tr>
<tr>
<td></td>
<td>PSYCH 25000 Experimental Psychology: General</td>
</tr>
<tr>
<td></td>
<td>Individual and Society (Humanities) I&amp;S H</td>
</tr>
<tr>
<td>Senior Year</td>
<td>Fall</td>
</tr>
<tr>
<td></td>
<td>Major ELECTIVE</td>
</tr>
<tr>
<td></td>
<td>Major ELECTIVE</td>
</tr>
<tr>
<td></td>
<td>Creative Expression (CE)</td>
</tr>
</tbody>
</table>
• US Experience in Its Diversity (USED)
• World Cultures & Global Issues (WCGI)

Spring

• Major ELECTIVE
• BIOL 47000/BIOL 47100 Seminar
• ELECTIVE
• ELECTIVE
• ELECTIVE (if needed)

Notes:

Students who do not place into MATH 12550 should begin with MATH 10100 Algebra. The sequence is as follows – MATH 10100 – MATH 12550.

Map is shifted by one semester and still allows for completion of the major in 4 years.

BIOL 10000 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

Students interested in completing Honors work during their senior year should consult an adviser prior to selecting Biology 300/400 level electives.

BIOL 10000 and 10200 may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.

Degree Map for Biological Sciences: Bioinformatics BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

• CHEM 10200 (STEM) General Chemistry I
• MATH 12550 (STEM) Precalculus with Workshop
• ENGL 12000 Expository Writing
• FOREIGN LANGUAGE Elementary Level 1
Spring

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only*

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)

**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.*

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.*
ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

• FOREIGN LANGUAGE Elementary Level 2

Sophomore Year

Fall

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.
• FOREIGN LANGUAGE Intermediate Level 3

Spring

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.
• FOREIGN LANGUAGE Intermediate Level 4
Junior Year

Fall

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

-or-

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

CSCI 13200 - Practical UNIX and Programming, with Lab
Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.

This course cannot be counted towards the CSCI major.

prereq: none
3 hrs
3 cr.

- ELECTIVE

Spring

BIOL 30300 - Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5. Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

prereq: Advisor permission; BIOL 30000 or instructor permission
7 hrs
4.5 cr
spring only

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

-or-
PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

• Individual and Society (Humanities) I&S H

Senior Year

Fall

• Creative Expression (CE)
• US Experience in Its Diversity (USED)
• World Cultures & Global Issues (WCGI)
• ELECTIVE (if needed)

Spring

• BIOL 42500 Computational Molecular Biology
• Major elective
• Major elective
• ELECTIVE
• ELECTIVE (if needed)

Notes:
Students who do not place into MATH 12550 should begin with MATH 10100 Algebra. The sequence is as follows – MATH 10100 – MATH 12550 – MATH 15000 -MATH 15500. If you begin with MATH 10100, the DegreeMap is shifted by one semester and still allows for completion of the major in 4 years.

BIOL 10000 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

Students interested in completing Honors work during their senior year should consult an adviser prior to selecting Biology 300/400 level electives.

BIOL 100 and 102 may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.

A total of 8 elective credits are required for Biology/Bioinformatics:

BIOL 41719 (Biomedical Genomics I, Fall) or BIOL47120 (Biomedical Genomics II, Spring): one of the two is required; count towards Biology 470/471 requirement

BIOL 37500 (Molecular Evolution, Fall), CHEM 33300 (Computational Drug Discovery, Spring), STAT 31900 (Bayesian Inference, Fall): one is required; count towards Biology lecture elective requirement

BIOL 47105 (Python Programming for Bioinformatics; not regularly offered), BIOL 47083 (Bioinformatics Workshop; not regularly offered)

BIOL48002 (Introduction to Experimental Biology; 2 cr): require a faculty sponsorship; count towards research requirements for Biology honors.

**Degree Map for Biological Sciences: Biophysics BA**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

**Freshman Year**

**Fall**

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.*

**MATH 12550 (STEM) - Precalculus with Workshop**

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem.

In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

*prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.*

**ENGL 12000 - Expository Writing**

**Hunter Core**

English Comp (EC)

**GER**  
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.*

- FOREIGN LANGUAGE Elementary Level I
- Individual and Society (Social Sciences) I&S SS

**Spring**

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**

Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**

PD/C or D

**GER**  
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500**
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
**GER**
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**FOREIGN LANGUAGE Elementary Level 2**
Sophomore Year

Fall

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

FOREIGN LANGUAGE Intermediate Level 3

Spring
CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

- FOREIGN LANGUAGE Intermediate Level 4
- ELECTIVE

Junior Year

Fall

BIOL 30000 - Biological Chemistry

GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
**Hunter Core**
Scientific World (SW) Life and Physical Sciences (LPS)
**GER**
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
*prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.*

**MATH 25000 - Calculus III**

**GER**
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
*prereq: MATH 15500, MATH 15600
4 hrs
4 cr.*

**Spring**

- PHYS 12100 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
- Individual and Society (Humanities) I&S H
- ELECTIVE
- ELECTIVE

**Senior Year**

**Fall**

- PHYS 33000 Atomic and Nuclear Physics
- Creative Expression (CE)
- US Experience in Its Diversity (USED)
- World Cultures & Global Issues (WCGI)
- Major ELECTIVE

**Spring**

**PHYS 33600 - Thermodynamics and Statistical Mechanics**

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws.
*prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr.*

**PHYS 42000 - Introduction to Biophysics**
A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of macromolecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.

prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.

4 hrs

4 cr.

- Major ELECTIVE
- ELECTIVE

Notes:

Students who do not place into MATH 12550 should begin with MATH 101 Algebra. The sequence is as follows – MATH 10100 – MATH 12500 – MATH 15000-MATH 15500. If you begin with MATH 10100, the Degree Map is shifted by one semester and still allows for completion of the major in 4 years.

BIOL 10000 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

Students interested in completing Honors work during their senior year should consult an adviser prior to selecting Biology 300/400 level electives.

BIOL 10000 and 10200 may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.

Degree Map for Biology: Basic Concentration

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

**prereq or coreq:** MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

**prereq:** grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)

**GER**
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq:** successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Foreign Language Elementary Level 1
- Individual & Society/ Social Sciences

**Spring**

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

Prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
Spring only

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
Primarily for premed, medical laboratory sciences and science majors.
Prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
Prereq: CHEM 10200
Coreq: CHEM 10400
6 hrs
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER 2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
Prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

• Foreign Language Elementary Level 2
Sophomore Year

Fall

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

prereq or coreq: CHEM 22204 OR CHEM 22206

3 hrs

2.5 cr.

• Foreign Language Intermediate Level 3

Spring
**BIOL 20300 - Molecular Biology and Genetics**

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

*prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.*

*(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)*

*coreq: CHEM 22200, 22300 or perm instr.*

7 hrs

4.5 cr.

spring only

**CHEM 22400 - Organic Chemistry Lecture II**

**GER**

**GER 3/B**

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better*

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs

4 cr.

- Foreign Language Intermediate Level 4

**Junior Year**

**Fall**

**BIOL 30000 - Biological Chemistry**

**GER**

3/B
Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10

prereq: Open only for majors.

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

• 300/400 level BIOL electives

Spring

BIOL 30300 - Cell Biology

This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing and integrated look at the molecular biology of the cell. Separated into 5 units. the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and
cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking. 5. Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

**prereq:** Advisor permission; BIOL 30000 or instructor permission

7 hrs
4.5 cr

**spring only**

**PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

**prereq:** PHYS 11000 or 11100

7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

- 300/400 level electives
- Individual and Society/Humanities

**Senior Year**

**Fall**

- 300/400 level BIOL electives
- Creative Expression
- US Experience in Its Diversity
- World Cultures & Global Issues
- Elective (If needed)

**Spring**

- 300 and 400 level BIOL electives
- Elective
- Elective
- Elective
- Elective (If needed)

**Degree Map for Chemistry Major I**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic
path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

**Freshman Year**

**Fall**

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better; AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
**GER**
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
*prereq: successful completion of developmental courses, if required
PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

Spring

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

**prereq:** CHEM 10200  
**coreq:** CHEM 10400  
6 hrs  
3 cr.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**  
Scientific World (SW); Life and Physical Sciences (LPS)  
**GER**  
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.  
**prereq:** PHYS 11000 or 11100  
**prereq or coreq:** (with perm dept.): MATH 15500  
8 hrs (4 lec, 3 lab, 1 rec)  
5.5 cr.

**Sophomore Year**

**Fall**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**  
English Comp (EC)  
**GER**  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.  
**prereq:** ENGL 12000  
3 hrs + one additional conference hour  
3 cr.

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**  
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.  

**prereq:** CHEM 10400 with a grade of C or better  
5-6 hrs (4 lec, 1-2 recitation/workshop)  
4 cr.
CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

CHEM 24900 - Quantitative Analysis

GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.
fall

MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

Spring

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
CHEM 22500 - Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.

prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

prereq: MATH 25000
3 hrs
3 cr.

CHEM 29101 - Chemical Investigations

Pluralism and Diversity
GER 3/B

This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.

In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000

Course is repeatable

prereq: Department Consent Required
4 hrs
1 cr.

- US Experience in Its Diversity
- Foreign Language Elementary Level 1

Junior Year

Fall

CHEM 35200 - Physical Chemistry I

GER
3/B
Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

**prereq:** CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better
3 hrs
3 cr.
offered fall

**CHEM 35500 - Physical Chemistry Laboratory I**

**GER**
3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.

**prereq:** CHEM 24900

**prereq or coreq:** CHEM 35200
3 hrs
1.5 cr.
offered fall

**CHEM 36600 - Inorganic Chemistry**

**GER**
GER 3/B

Treatment of structure, bonding and reactivity of inorganic compounds.

**prereq:** CHEM 35200 with grade of C or better
3 hrs
3 cr.
offered fall

- Individual and Society/ Social Sciences
- Foreign Language Elementary Level 2

**Spring**

**CHEM 35600 - Physical Chemistry II**

**GER**
GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.

**prereq:** PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better
3 hrs
3 cr.
offered spring
CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

prereq: CHEM 24900 or perm chair

prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring

CHEM 29102 - Chemical Investigations

Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member.
The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.
In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000
Course is repeatable
prereq: CHEM 22400, perm chair
8 hrs
2 cr.

Senior Year

Fall

CHEM 37600 - Biochemistry I

GER
3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

- Creative Expression
- Foreign Language Intermediate Level 4

CHEM 32200 - Organic Chemistry Lecture III
Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.

prereq: Chem 22404 with a grade of C or better OR Chem 22406 with a grade of C or better
3 hrs
3 cr.
offered fall

Spring

CHEM 34900 - Instrumental Analysis

Pluralism and Diversity
GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

prereq: CHEM 35400 or 35600 with grade of C or better with 35500
8 hrs (2 lec, 6 lab)
5 cr
offered spring

• World Cultures & Global Issues
• Individual and Society/ Humanities
• Elective (If needed)
• Elective (If needed)

Notes:

Students who place below MATH 15000: please note the following Math sequence:

MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

*CHEM 11100 and CHEM 11200 are sequence options in place of CHEM 10200, CHEM 10400 and CHEM 10600

If taking CHEM 11100, this is a special honors course and is a prerequisite for CHEM 11200.

In Junior and senior year, a 300-level chemistry course must be taken.

CHEM 32200 is recommended elective but CHEM 37700 can also be taken. All electives require departmental permission.
The minor in Biological Sciences gives students a basic understanding of biology from the molecular and cellular to the organismal and population level. This includes both theoretical aspects presented in lecture as well as practical aspects presented in lab. Flexibility is built into the minor to allow students to select courses corresponding to their interests. In order to minor in Biological Sciences a student must pass four courses resulting in a minor GPA of 2.0 or higher. All students who want a Minor in Biological Sciences must take:

- BIOL 10000 (STEM) - Principles of Biology I and BIOL 10200 (STEM) - Principles of Biology II or BIOL 10000 (STEM) - Principles of Biology I and BIOL 16000 - Honors Principles of Biology II or the equivalent
- two additional courses in Biological Sciences, one of which must be at the 200 level or higher

**Number of Credits:** A minimum of 12 credits. Transfer credits may be applied. At least 2 courses must be taken at Hunter College.

### Chemistry

#### Overview

The Department of Chemistry offers courses for undergraduates who plan to major or minor in Chemistry, as well as for students pursuing other degrees within the college. Courses for majors prepare the students for professional work and further study in chemistry and other fields of pure and applied science. Courses for the non-science major are designed to introduce students to those essentials of chemical fact and theory which will contribute to the student's understanding of present-day scientific knowledge. The department is the largest chemistry department in CUNY in terms of student enrollment, and routinely ranks in the top 40 in the United States in graduating chemistry majors. The Hunter College Chemistry community has access to state-of-the-art research facilities such as Nuclear Magnetic Resonance, Mass Spectrometry, high resolution Transmission Electron Microscopy, X-ray, and Scanning Probe Microscopes. Major I provides students with intensive training for professional research and graduate study and is accredited by the American Chemical Society. Major II consists of three options: Option 1 (Chemistry) for students interested in the chemical industry; Option 2 (Biochemistry) for students interested in the pharmaceutical industry (accredited by the American Society for Biochemistry and Molecular Biology), medicine, dentistry, veterinary medicine or physical therapy; Option 3 (Bioinformatics) for students interested in graduate studies in biochemistry and bioinformatics as well as pharmaceutical and biotechnology industries. Options 1-3 are all appropriate for students pursuing teacher education programs.

#### What can I do with my degree in Chemistry?

The department provides training for students planning careers in the chemical sciences, biology, medicine, earth sciences, secondary education, business, and law across the chemical enterprise in academia, industry, government, and private practice.

#### Programs and Courses

Program and Courses in Chemistry

#### Administration and Faculty

Chair:
Chemistry BA

Major

There are two chemistry majors: Major I, a 43-credit concentration in addition to an 11-credit general chemistry core, is designed to prepare the students with intensive training for professional research and graduate study. Major II consists of three options: Option 1 for students interested in the chemical industry; Option 2 (the biochemistry option) for students interested in the pharmaceutical industry, medicine, dentistry, veterinary medicine or physical therapy; Option 3 (bioinformatics option) for students interested in graduate studies in biochemistry and bioinformatics as well as pharmaceutical and biotechnology industry. Major II includes a minimum concentration of 28 credits (option 1), 29 credits (option 2), and 23.5 credits (option 3) in 200-level and above chemistry courses, in addition to an 11-credit general chemistry core. Options 1-3 are all appropriate for students pursuing teacher education programs.

Students considering a chemistry major should consult the departmental adviser during their first semester to plan the proper sequence of courses, and they are urged to consult with the adviser at least once each succeeding semester. A year of General Chemistry and the accompanying General Chemistry Laboratory are prerequisites for admission to both Major I and Major II.

- Chemistry Major I - BA
- Chemistry Major II - BA

Honors Work

Opportunity for an individual research experience is provided by an honors course

CHEM 49101 - Introduction to Research
Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to provide students with the opportunity to demonstrate proficiency in scientific research through the design, development, and presentation of an original, independent and substantive research question, as well as through data collection and analysis. A written thesis and oral presentation are required to fulfill the presentation component of the course. Mandatory participation in thesis committee meetings are essential to the development of a well written thesis. In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29101 or CHEM 29102
Course is repeatable
Fulfills part of the requirement for departmental honors.

prereq: Department Consent Required
4 hrs
1 cr.

CHEM 49102 - Introduction to Research

Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to provide students with the opportunity to demonstrate proficiency in scientific research through the design, development, and presentation of an original, independent and substantive research question, as well as through data collection and analysis. A written thesis and oral presentation are required to fulfill the presentation component of the course. Mandatory participation in thesis committee meetings are essential to the development of a well written thesis. In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29101 or CHEM 29102
Course is repeatable
Fulfills part of the requirement for departmental honors.

prereq: Department Consent Required
8 hrs
2 cr.

Electives

Advanced lecture courses in special areas of chemistry, and lab courses providing training in inorganic and organic chemistry and in research techniques, are offered as electives for Major I and are open to students enrolled in Major II who have fulfilled the course prerequisites.

Graduate Study

Qualified chemistry majors may be admitted to 700-level courses in the graduate program. Permission of the department is required.

Teacher Education Pathway
Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

**Chemistry Major I - BA**

Return to: Programs of Study  
Return to: Chemistry BA

The requirements for this major consist of a minimum of 54 credits in chemistry. This major is recommended for students preparing for admission to graduate school or for careers in chemical research. It will also be useful to students seeking a position in the chemical or allied industries, as it is accredited by the Committee on Professional Training of the American Chemical Society.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019

In the case of the Chemistry Major I, the courses that meet CCCR are:

<table>
<thead>
<tr>
<th>Courses</th>
<th>CUNY Common Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 12500</td>
<td>Math &amp; Quantitative Reasoning</td>
</tr>
<tr>
<td>CHEM 10200 (STEM)</td>
<td>Scientific World</td>
</tr>
<tr>
<td>CHEM 10400 (STEM)</td>
<td>Scientific World</td>
</tr>
<tr>
<td>CHEM 10600 (STEM)</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 11100 (STEM)</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 11200 (STEM)</td>
<td>Scientific World</td>
</tr>
</tbody>
</table>

**Courses Required for the Chemistry Major I (80-96 credits)**

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

**Introductory Math Sequence (0-9 credits)**

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function
concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

**Chemistry Courses**

Chose one introductory sequence (11 credits)

**CHEM 10200 (STEM) - General Chemistry I**
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

 prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
 prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
 prereq: CHEM 10200
 coreq: CHEM 10400
6 hrs
3 cr.

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.
 prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

Required Chemistry Courses (42-45 credits)

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 10400 with a grade of C or better*

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

**CHEM 22300 - Organic Chemistry Laboratory I**

**GER**
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register

*prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200*

*coreq: CHEM 22301*

*prereq or coreq: CHEM 22204 OR CHEM 22206*

3 hrs

2.5 cr.

**CHEM 22400 - Organic Chemistry Lecture II**

**GER**
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better*

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

**CHEM 22500 - Organic Chemistry Laboratory II**

**GER**
3/B

Continuation of CHEM 22300.

*prereq: CHEM 22300*

*prereq or coreq: CHEM 22400*
CHEM 24900 - Quantitative Analysis

GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.
fall

CHEM 34900 - Instrumental Analysis

Pluralism and Diversity
GER 3/B

Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

prereq: CHEM 35400 or 35600 with grade of C or better with 35500
8 hrs (2 lec, 6 lab)
5 cr
offered spring

CHEM 35200 - Physical Chemistry I

GER
3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

prereq: CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better
3 hrs
3 cr.
offered fall

CHEM 35400 - Physical Chemistry II - F

Pluralism and Diversity
GER 3/B

Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.

prereq: CHEM 35200, MATH 25000
3 hrs
3 cr.
offered fall
CHEM 35600 - Physical Chemistry II

GER
GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.

*prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better*
3 hrs
3 cr.
offered spring

CHEM 35500 - Physical Chemistry Laboratory I

GER
3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.

*prereq: CHEM 24900*
*prereq or coreq: CHEM 35200*
3 hrs
1.5 cr.
offered fall

CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B

Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

*prereq: CHEM 24900 or perm chair*

*prereq or coreq: CHEM 35600*
3 hrs
1.5 cr.
offered spring

CHEM 36600 - Inorganic Chemistry

GER
GER 3/B

Treatment of structure, bonding and reactivity of inorganic compounds.

*prereq: CHEM 35200 with grade of C or better*
3 hrs
3 cr.
offered fall

CHEM 37600 - Biochemistry I
GER
3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

**prereq:** CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

One further laboratory course must be chosen from (research), (honors research) or the following

**CHEM 29102 - Chemical Investigations**

Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member.
The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.
In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000
Course is repeatable
**prereq:** CHEM 22400, perm chair
8 hrs
2 cr.

In addition, one additional lecture course must be chosen from among the following*:

**CHEM 32200 - Organic Chemistry Lecture III**

GER
3/B
Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.

**prereq:** Chem 22404 with a grade of C or better OR Chem 22406 with a grade of C or better
3 hrs
3 cr.
_offered fall_

**CHEM 35400 - Physical Chemistry II - F**

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.

**prereq:** CHEM 35200, MATH 25000
3 hrs
3 cr.
offered fall

CHEM 35600 - Physical Chemistry II

GER
GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.

prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better
3 hrs
3 cr.
offered spring

CHEM 37700 - Biochemistry II

GER
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs
3 cr.

Also acceptable for completion of Major I are

PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.

prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr.

Note: Students should be aware, however, that if either of the philosophy courses is used to complete the Major I requirements, the major will not be eligible for accreditation by the American Chemical Society.

Physics and Math Requirement (26-28 credits)

One year of physics, and four semesters of mathematics, are also required for this major.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E
For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
**GER**
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.
MATH 25000 - Calculus III

GER 3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600

MATH 25400 - Ordinary Differential Equations

GER 3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

prereq: MATH 25000

*These courses may be counted for credit in more than one program.

Additional Information

CHEM 24900, MATH 15000 (STEM) and MATH 15500 (STEM), and PHYS 12100 (STEM) are prerequisites for CHEM 35200 and should be completed by the end of the sophomore year.

Major I is required of all students who wish to be considered for certification by the American Chemical Society upon graduation. It is recommended for all students intending to enter the profession of chemistry through either graduate study or employment in industry or government. Students who can attend only in the evenings should consult the department adviser regarding the feasibility of completing Chemistry Major I.

Degree Map for Chemistry Major I

Chemistry Major II - BA

Return to: Programs of Study

Degree Map for Chemistry Major I

Chemistry Major II Options

Major II offers three options. Option 1 is for students interested in the chemical industry. Option 2 is for students preparing for admission to medical, dental or veterinary schools or who are interested in the pharmaceutical industry. Option 3 is for students interested in biochemistry or bioinformatics. See details below.
Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Chemistry Major II, the courses that meet CCCR are:

<table>
<thead>
<tr>
<th>Courses</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 12500</td>
<td>Math &amp; Quantitive Reasoning</td>
</tr>
<tr>
<td>CHEM 10200 (STEM)</td>
<td>Scientific World and Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 10400 (STEM)</td>
<td>Scientific World and Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 10600 (STEM)</td>
<td>Scientific World and Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 11100 (STEM)</td>
<td>Scientific World and Life and Physical Sciences</td>
</tr>
<tr>
<td>CHEM 11200 (STEM)</td>
<td>Scientific World and Life and Physical Sciences</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core requirement.

Courses Required for the Chemistry Major II

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students who are exempt from MATH 10100 and MATH 12500 (STEM) do not have to make up the credits.

Chemistry Major II- Chemistry Option 1

Courses Required for the Major (62-73 credits)

For students interested in a career in the chemical industry. It consists of a minimum of 28 credits in chemistry above the introductory level and an 11-credit general chemistry core for a minimum total of 39 credits of chemistry. One year of physics and three semesters of calculus are also required.
Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students who are exempt from MATH 10100/MATH 101EN, MATH 10150, MATH 12400 (STEM)/MATH 12500 (STEM)/MATH 12550 (STEM) and MATH 14000 do not have to make up the credits.

Required Chemistry Courses (39-41 cr.)

Choose One General Chemistry Sequence (11 cr.)

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500*

5 hrs (4 lec, 1 rec)

4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
GER

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better*

5 hrs (4 lec, 1 rec)

4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200*

*coreq: CHEM 10400*

6 hrs

3 cr.
CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

Organic Chemistry (13 cr.)

**CHEM 22200 - Organic Chemistry Lecture I**

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

**CHEM 22400 - Organic Chemistry Lecture II**

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

Additional Required Courses (12 cr.)

**CHEM 24900 - Quantitative Analysis**

GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.
CHEM 10400 - Physical Chemistry I

GER
3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

prereq: CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better
3 hrs
3 cr.
offered fall

CHEM 35400 - Physical Chemistry II - F

Pluralism and Diversity
GER 3/B
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.

prereq: CHEM 35200, MATH 25000
3 hrs
3 cr.
offered fall

CHEM 35500 - Physical Chemistry Laboratory I

GER
3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.

prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr.
offered fall

CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

prereq: CHEM 24900 or perm chair

prereq or coreq: CHEM 35600

prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.
fall
3 hrs
1.5 cr.
offered spring

Required Elective Course (3-5 cr.)

- Any chemistry course at the 300 level or above excluding CHEM 49101

Required Math Courses (12-22 cr.)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**prereq:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

**prereq:** grade of C or better in MATH 15000

4 hrs
4 cr.

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**prereq:** MATH 15000

**prereq or coreq:** MATH 15500

2 hrs
1 cr.

**MATH 25000 - Calculus III**

**GER**
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**prereq:** MATH 15500, MATH 15600
4 hrs
4 cr.

Required Physics Courses (11 cr.)

**PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

*Hunter Core*
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
preq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

*Hunter Core*
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
preq: PHYS 11000 or 11100
preq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

*Note: These courses may be counted for credit in more than one program.*

Degree Map for Chemistry Major II Option 1

Degree Map for Chemistry Major II -Option 1

**Chemistry Major II: Biochemistry Option 2**

Return to: Programs of Study

Return to: Chemistry BA

Return to: Chemistry Major II - BA

Courses Required for the Major (66-75 credits)
For students preparing for admission to medical, dental, veterinary schools or physical therapy programs, or for students interested in a career in the pharmaceutical industry. It consists of a minimum of 29 credits above the introductory level and an 11-credit general chemistry core for a minimum total of 40 credits of chemistry. One year of physics, one year of biology and one year of calculus are also required. Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students who are exempt from MATH 10100/MATH 101EN, MATH 10150, MATH 12400 (STEM)/MATH 12500 (STEM)/MATH 12550 (STEM) and MATH 14000 do not have to make up the credits.

Required Chemistry courses (40 cr.)

Choose One General Chemistry Sequence (11 cr.)

**CHEM 10200 (STEM) - General Chemistry I**

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
**GER**
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.
Primarily for pre-med, medical laboratory sciences and science majors.

**prereq:** CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5
offered spring

Organic Chemistry (13 cr.)

**CHEM 22200** - Organic Chemistry Lecture I

**GER**
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**prereq:** CHEM 10400 with a grade of C or better
5 - 6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

**CHEM 22300** - Organic Chemistry Laboratory I

**GER**
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register

**prereq:** CHEM 10500 OR CHEM 10600 OR CHEM 11200
**coreq:** CHEM 22301
**prereq or coreq:** CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

**CHEM 22400** - Organic Chemistry Lecture II

**GER**
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

\textit{prereq: CHEM 22200 with a grade of C or better}
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

\textbf{CHEM 22500 - Organic Chemistry Laboratory II}

\textbf{GER}
3/B

Continuation of CHEM 22300.

\textit{prereq: CHEM 22300}

\textit{prereq or coreq: CHEM 22400}
4 hrs
2.5 cr

\textbf{Additional Required Chemistry Courses (13 cr.)}

\textbf{CHEM 35000 - Biophysical Chemistry}

\textit{Pluralism and Diversity}
\textbf{GER 3/B}

Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.

\textit{prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better}
5 hrs (4 lec, 1 rec)
4 cr

\textbf{CHEM 37600 - Biochemistry I}

\textbf{GER}
3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

\textit{prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better}
4 hrs (3 lec, 1 rec)
3 cr.

\textbf{CHEM 37700 - Biochemistry II}

\textbf{GER}
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

\textit{prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better}
CHEM 37800 - Biochemistry Laboratory (W)

GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.

prereq: ENGL 12000, CHEM 22500 with grade of C or better
prereq or coreq: CHEM 37700 or CHEM 64100
5 hrs (4 lab, 1 rec)
3 cr.

Required Elective Course (3 cr.)

Any chemistry course at the 300 level or above excluding CHEM 34900 Instrumental Analysis and CHEM 49101 Introduction to Research. Also acceptable CHEM 24900 Quantitative Analysis

Required Biology courses (9 cr.)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER 2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

Required Math Courses (8-17 cr.)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

**Hunter Core**
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.
MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

Required Physics Courses (9 cr.)

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

*Note: These courses may be counted for credit in more than one program.

Degree Map for Chemistry Major II Option 2

Degree Map for Chemistry Major II - Option 2

Chemistry Major II: Bioinformatics Option 3

Return to: Programs of Study

Return to: Chemistry BA

Return to: Chemistry Major II - BA

Courses Required for the Major (72.5-81.5 credits)

For students interested in graduate studies in biochemistry and bioinformatics as well as the pharmaceutical and biotechnology industry. In order to enroll in this Option, students must earn an average grade of B- or above in CHEM 10400 (STEM), CHEM 22200, BIOL 10000 (STEM) and MATH 15000 (STEM). In addition, no more than one C grade is allowed in these four courses to declare Option 3. This option consists of a minimum of 23.5 credits above the introductory level and an 11-credit general chemistry core for a minimum total of 34.5 credits of chemistry. Three semesters of biology, one year of physics, one year of computer science, one year of calculus, and one semester of statistics are also required.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students who are exempt from MATH 10100/MATH 101EN, MATH 10150, MATH 12400 (STEM)/MATH 12500 (STEM)/MATH 12550 (STEM) and MATH 14000 do not have to make up the credits.

Required Chemistry Courses (34.5 cr.)

Choose One General Chemistry Sequence (11 cr.)

CHEM 10200 (STEM) - General Chemistry I
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS) 
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.

Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
Organic Chemistry (10.5 cr.)

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

Additional Required Chemistry Courses (13 cr.)

CHEM 35000 - Biophysical Chemistry

Pluralism and Diversity
GER 3/B

Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.

prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better
5 hrs (4 lec, 1 rec) 
4 cr

CHEM 37600 - Biochemistry I

GER
3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 37700 - Biochemistry II

GER
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs
3 cr.

CHEM 33300 - Computational Drug Discovery

Computational exercises and literature analyses of drug-macromolecule interactions, computer-assisted drug design, metabolic engineering, and personalized medicine.

prereq: CHEM 37600 or BIOL 30000 or permission of the instructor
3 hrs
3 cr.
offered spring

Required Biology Courses (12 cr.)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 42500 - Computational Molecular Biology

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of *in silico* biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.

Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

Required Mathematics and Statistics Courses (11-20 cr.)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
MATH 101EN - Algebra for College Students - Enhanced

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.  
prereq: Department Permission

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.  
prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core  
Math/Quantitative Reasoning (MQR)  
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.  
Note: This course is equivalent to MATH12500 for grade replacement purposes.  
prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.  
Not open to students who have taken MATH 12500 or MATH 12550.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.  
prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

Required Physics Courses (9 cr.)

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

Required Computer Science Courses (6 cr.)

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

*Note: These courses may be counted for credit in more than one program.

Degree Map for Chemistry Major II Option 3
**Degree Map for Chemistry Major II Option 3 Bioinformatics BA**

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

**Freshman Year**

**Fall**

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.*

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. *prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

*4 hrs
4 cr.*

**ENGL 12000 - Expository Writing**
Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt
This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf
3 cr.

- US Experience in Its Diversity (USED)

Spring

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

Sophomore Year

Fall

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
**CHEM 22300 - Organic Chemistry Laboratory I**

**GER**

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register

*prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200*

*coreq: CHEM 22301*

*prereq or coreq: CHEM 22204 OR CHEM 22206*

3 hrs

2.5 cr.

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**

Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**

PD/C or D

**GER**

2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN*

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

Fall only

- Individual and Society (Humanities) I&S H

**Spring**

**CHEM 22400 - Organic Chemistry Lecture II**

**GER**

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better*

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.
PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.
prereq: none
3 hrs
3 cr.

Foreign Language Requirement - Elementary Level 1

Junior Year

Fall

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

CHEM 37600 - Biochemistry I

GER
3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

BIOL 42500 - Computational Molecular Biology

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

FOREIGN LANGUAGE Elementary Level 2

Spring

CHEM 35000 - Biophysical Chemistry

Pluralism and Diversity
GER 3/B

Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.

prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.
STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

- Individual and Society (Social Sciences) I&S SS
- FOREIGN LANGUAGE Intermediate Level 3
- ELECTIVE

Senior Year

Fall

CHEM 37700 - Biochemistry II

GER
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

*prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs
3 cr.

- FOREIGN LANGUAGE Elementary Level 4
- Creative Expression (CE)

Spring

- World Cultures & Global Issues (WCGI)
- Individual and Society (Humanities)
- CHEM 33300 Computational Drug Discovery

Notes:

Students who place below MATH 15000, please note the following Math sequence:

MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.
CHEM 11100 and CHEM 11200 are sequence options in place of CHEM 10200, CHEM 10400 and CHEM 10600.

If taking CHEM 11100, this is a special honors course and is a prerequisite for CHEM 11200.

Degree Map for Chemistry Major II - Option 1

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better; AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.
ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

Spring

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**Pluralism and Diversity**
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
_prereq:_ CHEM 10200
_coreq:_ CHEM 10400
6 hrs
3 cr.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
**GER**
2/E
Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
_prereq:_ PHYS 11000 or 11100
_prereq or coreq:_ (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

**Sophomore Year**

**Fall**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
**GER**
2/A
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
_prereq:_ ENGL 12000
3 hrs + one additional conference hour
3 cr.
MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

Spring

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500 - Organic Chemistry Laboratory II
Continuation of CHEM 22300.

prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

- FOREIGN LANGUAGE Elementary Level 1
- US Experience in Its Diversity (USED)
- ELECTIVE

Junior Year

Fall

CHEM 24900 - Quantitative Analysis

GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.
fall

- FOREIGN LANGUAGE Elementary Level 2
- Individual and Society (Social Sciences) I&S SS
- ELECTIVE

Spring

CHEM 34900 - Instrumental Analysis

Pluralism and Diversity
GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

prereq: CHEM 35400 or 35600 with grade of C or better with 35500
8 hrs (2 lec, 6 lab)
5 cr
offered spring
Senior Year

Fall

CHEM 35200 - Physical Chemistry I

GER
GER 3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

prereq: CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better
3 hrs
3 cr.
offered fall

CHEM 35500 - Physical Chemistry Laboratory I

GER
3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.

prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr.
offered fall

Spring

CHEM 35600 - Physical Chemistry II

GER
GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.

prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better
3 hrs
CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

prereq: CHEM 24900 or perm chair

prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring

- World Cultures & Global Issues (WCGI)
- Individual and Society (Humanities) I&S H
- ELECTIVE (if needed)
- ELECTIVE (if needed)

Notes:

For students who place below MATH 15000, please note the following Math sequence:

- MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.
- *CHEM 111 and CHEM 112 are sequence options in place of CHEM 102, CHEM 104 and CHEM 106
- If taking CHEM 111, this is a special honors course and is a prerequisite for CHEM 112.
- CHEM 34900 is the recommended elective but CHEM 32200, 36600, 39200, 37600 or 38800 are acceptable. All electives require departmental permission.
- In Junior and senior year, a 300-level chemistry course must be taken.

Degree Map for Chemistry Major II -Option 2

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.
Freshman Year

Fall

- CHEM 10200 (STEM) General Chemistry I
- MATH 15000 (STEM) Calculus I
- ENGL 12000

Spring

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*

4 hrs

4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better*

5 hrs (4 lec, 1 rec)

4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**

**GER** 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200*

*coreq: CHEM 10400*

6 hrs

3 cr.
BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
PD/C or D

GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

spring only

Sophomore Year

Fall

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)

GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour

3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

CHEM 22300 - Organic Chemistry Laboratory I
Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

Spring

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500 - Organic Chemistry Laboratory II

GER
GER 3/B

Continuation of CHEM 22300.

prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
- FOREIGN LANGUAGE Elementary Level 1
- US Experience in Its Diversity (USED)

Junior Year

Fall

CHEM 37600 - Biochemistry I

GER
3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
- CHEM elective (CHEM 24900 is recommended but CHEM 32200, CHEM 36600, CHEM 36900, CHEM 37000, CHEM 37100, CHEM 36800, CHEM 33300, CHEM 39200, or CHEM 38800 are acceptable.) All electives require departmental permission.
Spring

**CHEM 37700 - Biochemistry II**

*GER*
3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

*prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs
3 cr.*

**CHEM 37800 - Biochemistry Laboratory (W)**

*GER*
3/B

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.

*prereq: ENGL 12000, CHEM 22500 with grade of C or better
prereq or coreq: CHEM 37700 or CHEM 64100
5 hrs (4 lab, 1 rec)
3 cr.*

**CHEM 35000 - Biophysical Chemistry**

*Pluralism and Diversity*

*GER 3/B*

Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.

*prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better
5 hrs (4 lec, 1 rec)
4 cr*

- Individual and Society (Humanities) I&S H
- FOREIGN LANGUAGE Intermediate Level 3

Senior Year

**Fall**

- Creative Expression (CE)
- FOREIGN LANGUAGE Intermediate Level 4

**Spring**
- World Cultures & Global Issues (WCGI) &nbsp;
- Individual and Society (Humanities) I&S H
- ELECTIVE (if needed)
- ELECTIVE (if needed)

Notes:

Students who place below MATH 15000: please note the following Math sequence:

MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

*CHEM 11100 and CHEM 11200 are sequence options in place of CHEM 10200, CHEM 10400 and CHEM 10600

If taking CHEM 11100, this is a special honors course and is a prerequisite for CHEM 11200.

In junior and senior year, a 300-level chemistry course must be taken.

For Chemistry Elective, CHEM 24900 is recommended but CHEM 32200, CHEM 36600, CHEM 39200, CHEM 3300, CHEM 3600, CHEM 36800, CHEM 36900, CHEM 37000, CHEM 37100, CHEM 38800 or CHEM 38800 are acceptable.) All electives require departmental permission.

Minor in Chemistry

A minor in Chemistry consists of 27 – 27.5 credits as follow:

1. Before declaring the minor

Students must complete 11 cr of foundational courses

CHEM 10200 (STEM) General Chemistry I
CHEM 10400 (STEM) General Chemistry II
CHEM 10600 (STEM) General Chemistry Laboratory
-or-
CHEM 10200 (STEM) General Chemistry I
CHEM 10300 (STEM) General Chemistry Laboratory I
CHEM 10400 (STEM) General Chemistry II
CHEM 10500 (STEM) General Chemistry Laboratory II

2. An additional 13-13.5 credits of course work, including the required courses below

3. One 3-credit elective from Chemistry offerings numbered 300

Required courses for the Minor:

CHEM 22200 - Organic Chemistry Lecture I
GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500 - Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.

prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

Elective: Any 300 Level (3 cr)

Classical and Oriental Studies

Overview
The Department of Classical and Oriental Studies offers programs in Arabic, Chinese, Classics, Hebrew, Japanese, and Russian. With over 20 full-time faculty and over 50 adjunct faculty, the department is able to offer nine BA degrees: Arabic, Chinese, Classical Archaeology, Classical Studies, Greek, Hebrew, Latin, Latin and Greek, and Russian. In addition, the department offers a three-year sequence in the Japanese language, and — in joint sponsorship with the Kosciuszko Foundation—a wide range of courses in Polish language, literature and culture. The department participates in several interdisciplinary programs, including Anthropology, Religion, Women and Gender Studies, Comparative Literature, Middle East Studies and Jewish Studies. All the programs of the department have as their common goal the teaching of the foreign languages and literatures, traditionally viewed as one of the cornerstones of the liberal arts curriculum. This goal is met in several ways. Each of the languages helps fulfill the 12-credit (normally four-semester) foreign-language requirement. The six-credit requirement in literature may be satisfied in part by a course in literature in the original language or by a course in literature in translation. Undergraduate majors are given a solid grounding in foreign languages, literature, and cultural studies in order to prepare them both for careers in which they will use these skills and for further study on the graduate level.

**Programs Offered by the Department of Classical & Oriental Studies**

- Arabic Language, Literature, and Culture Program
- Chinese Language and Literature Program
- The Classics Program
- Hebrew Program
- The Japanese Studies Program
- The Russian and Slavic Studies Program

**What can I do with my degree in Classical and Oriental Studies?**

The programs prepare students for further studies in graduate school and professional careers in international trade, education, government service, diplomacy, private business, journalism and related fields. Careers in research, government and education use skills developed in classical studies, and a major in classics provides an excellent foundation for many professional programs such as law. Majors in our programs find employment in museums, archives, U.S. governmental agencies, the United Nations, broadcasting, banking, international commerce, education, library services, college and high school teaching, and other fields.

**Full list of Programs and Courses**

Programs and Courses in Classical & Oriental Studies

**Administration and Faculty**

**Chair:**

David Petrain  
1425 West  
(212) 772-5181  
dp713@hunter.cuny.edu
Faculty for All Programs in Classical and Oriental Studies

Classical and Oriental Studies Faculty

Arabic - BA

The major in Arabic offers students the opportunity to engage in linguistic and cultural training focusing on the Arab Middle East, North Africa, and Diaspora through coursework in language, literature, and culture. In addition, students will benefit from the multiple resources for Arab Studies in the New York City area through internships and research. These resources include museums, cultural organizations, and academic centers, institutions, and organizations devoted to the study of the Arab Middle East and North Africa and its people, and Arab communities in the United States. Arabic, one of the six official languages of the United Nations, is the official language of 26 nations and is spoken by over 300 million people worldwide. Additionally, it is a liturgical language for over 1.8 billion Muslims. The Arabic speaking regions of the Middle East and North Africa are among the most significant regions shaping contemporary world politics. From the politics and economics of oil and religious movements, to the dynamics of the Arab uprisings and democratic transformations in the region, this area has played a central role in world history for centuries. The United States has been deeply involved in the region for many decades and plays a central role in current politics there. Graduates of the Arabic Major will have attained advanced linguistic training and will have a deep cultural knowledge that will prepare them for work in governmental and non-governmental organizations, business, human rights, and social services. In addition, graduates of the Arabic Program will have attained a broad array of knowledge and skills that will allow them to pursue advanced studies in a number of academic fields including anthropology, art history, religion, comparative literature, linguistics, history, Middle East Studies, philosophy, political science, and sociology.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Arabic, the courses that meet CCCR are:

ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

_prereq: perm of division head
3 hrs
3 cr.

ARB 15000 - Introduction to Modern Arab Cultures

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D A
This course will explore the diversity of cultures in the modern Arab World. By “culture” we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs
3 cr.

**ARB 25000 - The Arab Novel (in translation) (W)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

*prereq: ENG 22000 or equiv.*

3 hrs
3 cr.

**ARB 25100 - Arab Cinema (in translation)**

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

*prereq: ENGL 12000 or equivalent*

3 hrs
3 credits

**ARB 25200 - Literatures from the Islamic World (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

*prereq: ENGL 12000 or equivalent*

3 hrs
3 credits

**ARB 25300 - Literatures and Cultures of Muslim Spain (W)**
**ARB 25400 - The Arabian Nights East and West (W)**

**Hunter Core**  
Creative Expression (CE)  
Pluralism and Diversity  
PD/A  
GER  
2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.  
**prereq or coreq: ENGL 12000 or equivalent**  
**3 hrs**  
**3 credits**

**ARB 25500 - Modern Palestinian Culture**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
Pluralism and Diversity  
PD/A  
War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.  
**3 hrs**  
**3 cr.**

**ARB 25600 - Modern Arab Theatre**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
Pluralism and Diversity  
PD/A  
Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.  
**3 hrs**  
**3 cr.**
ARB 25700 - Language and Culture in Contemporary North Africa

Pluralism and Diversity
P/D A
GER
World Cultures and Global Issues (WCGI)

North Africa (Maghreb) is often described as a crossroads of many cultures - Arab, Berber, African, European, and others. Over the course of this semester, we will discuss important issues facing this region, including democratic reform efforts both before and following the Arab spring, Berber language movements and other language debates, colonial and post-colonial struggles, and social and cultural debates surrounding gender and religion. Through readings of key literary, historical, political, and cultural texts, as well as viewing important documentary and fictional film productions, we will examine this fascinating region from multiple vantage points.

prereq: ENGL 12000
3 hrs
3 cr.

Courses Required for the Major (27-33)

The Arabic Major at Hunter has three key components: A) a core sequence of Language courses, B) a choice of electives in both Arabic and English, and C) a capstone course. The total number of credits is 27-33 credits depending on the level of Arabic a student comes to the program with. The rationale for this curriculum is to prepare students to graduate having reached an Advanced level of proficiency on the ACTFL scale and a deep knowledge of Arab Culture.

A. Core Language Sequence

The major has two basic sequences: one for Heritage Learners and one for non-Heritage learners.

Core Language Sequence for Heritage Learners (15 credits assuming no exemptions):

ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: perm of division head
3 hrs
3 cr.

ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book
The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: ARB 14800 or Arabic Program head's permission
3 hrs
3 cr.

ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic
prereq: ARB 20200 or equiv.
3 hrs
3 cr.

ARB 30200 - Advanced Arabic II

Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
3 cr.

ARB 40100 - Focused Arabic Study for Advanced Students

Pluralism and Diversity
P/D A
A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.
prereq: ARB 30200
3 hrs
3 cr.

Core Language Sequence for non-Heritage Learners (21 credits assuming no exemptions)

ARB 10100 - Beginning Arabic I

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Language Proficiency Requirement
3 hrs
3 cr.

ARB 10200 - Beginning Arabic II
Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.

prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs
3 cr.

**ARB 20100 - Intermediate Arabic I**

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

prereq: ARB 10200 or equiv.
3 hrs
3 cr.

**ARB 20200 - Intermediate Arabic II**

Continuation of ARB 20100.

prereq: ARB 20100 or equiv.
3 hrs
3 cr.

**ARB 30100 - Advanced Arabic I**

Emphasis on increased proficiency in reading, speaking and writing Arabic

prereq: ARB 20200 or equiv.
3 hrs
3 cr.

**ARB 30200 - Advanced Arabic II**

Continuation of ARB 30100

prereq: ARB 30100 or equiv.
3 hrs
3 cr.

**ARB 40100 - Focused Arabic Study for Advanced Students**

Pluralism and Diversity
P/D A
A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

prereq: ARB 30200
B. Electives in both Arabic and English (6 to 9 credits):

**Heritage Learners** will choose, after the required ARB 15000 Introduction to Modern Arab Cultures, two other culture classes in English (chosen from among eight different classes that we currently offer on a regular basis). Heritage Learners will also choose one Arabic elective class (chosen from among four different advanced classes that we offer on a regular basis or our internship class). Both Heritage Learners and Non-Heritage Learners who come in having placed out of some of our core sequence will take a higher number of these electives to reach the 27 credit requirement for the major.

**Non-Heritage Learners** will choose, after the required ARB 15000 Introduction to Modern Arab Cultures, one other culture class in English (chosen from among eight different classes that we currently offer on a regular basis). They will also choose one Arabic elective class (chosen from among four different advanced classes that we offer on a regular basis or our internship class).

C. Arabic Senior Capstone course

The Arabic Senior Capstone course, ARB 49000 (3 credits) is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project (in Arabic). Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival directories; annotated bibliographies; artistic performances whether live or recorded (or both); exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications.

Degree Maps for Arabic

1. Degree Map for Arabic BA (Heritage Learner)
2. Degree Map for Arabic BA (Non-Heritage Learner)

Chinese - BA

The major in Chinese offers students the opportunity to develop Chinese language proficiency, explore Chinese classical and modern literature, delve into Chinese culture and history, and develop skills in Chinese-English translation and interpretation. In addition, undergraduate students have the option to apply to join the Chinese Flagship program (a federally-funded honors program) that provides scholarships for study abroad in China or Taiwan. Graduates of the Chinese Major will have attained advanced to superior language proficiency and will have deep cultural knowledge that will prepare them for careers in the global workforce. Hunter Chinese alumni have been pursuing careers in both public and private sectors, and have gone on to advanced study in law, international studies, translation, education, and many other areas where Chinese language skills and cultural knowledge are appreciated.

Hunter students benefit from their proximity to the rich cultural resources of the Chinese communities in New York City, and many gain professional experience through internships offered by global organizations, businesses, and government agencies headquartered in New York City.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose
courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Track 1: Chinese Language and Literature (24-30 cr.)

The track in Chinese Language and Literature consists of 24-30 credits chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level. Courses must be taken in the sequence described below. Students who are exempt from language courses at the 200-level or above must make up their credits using other CHIN courses.

**CHIN 10100 - Elementary Chinese I**

Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.
offered fall

**CHIN 10200 - Elementary Chinese II**

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

**CHIN 20100 - Intermediate Chinese I**

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.

prereq: CHIN 10200 or equiv.

3 hrs
3 cr.
offered fall

**CHIN 20200 - Intermediate Chinese II**

Continued reading of literature in baihua.

prereq: CHIN 20100 or equiv.

3 hrs
3 cr.
offered spring

**CHIN 30100 - Journalistic Chinese Literature I**

Intensive reading of literature and essays written in journalistic style.

prereq: CHIN 20200 or equiv.

3 hrs
3 cr.
offered fall

CHIN 30200 - Journalistic Chinese Literature II

Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.
3 hrs
3 cr.
offered spring

CHIN 30300 - Classical Chinese Literature I

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 30400 - Classical Chinese Literature II

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.
prereq: CHIN 303 or equiv.
3 hrs
3 cr.
offered spring

CHIN 30700 - Classical Chinese Poetry

Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
prereq: CHIN 30400 or equiv.
3 hrs
3 cr.

CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.
prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr.

Track 2: Chinese Translation and Interpretation (24-30 cr.)

The track in Chinese Translation and Interpretation consists of 24-30 credits: for students with interest in acquiring training in Chinese translation in a variety of professional fields. Requirements for the concentration in Chinese translation include 24-30 credits chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level. Courses must be taken in the sequence described below. Students who are exempt from language courses at the 200-level or above must make up their credits using other CHIN courses.
Chinese language (12-18 credits):

**CHIN 10100 - Elementary Chinese I**

Beginning course in Mandarin. CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

**CHIN 10200 - Elementary Chinese II**

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

**CHIN 20100 - Intermediate Chinese I**

Reading of literature in *baihua* (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.

prereq: CHIN 10200 or equiv.
3 hrs
3 cr.
offered fall

**CHIN 20200 - Intermediate Chinese II**

Continued reading of literature in *baihua*.

prereq: CHIN 20100 or equiv.
3 hrs
3 cr.
offered spring

**CHIN 30100 - Journalistic Chinese Literature I**

Intensive reading of literature and essays written in journalistic style.

prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

**CHIN 30200 - Journalistic Chinese Literature II**

Intensive reading and translation of literature written in journalistic style.

prereq: CHIN 30100 or equiv.
3 hrs
3 cr.
offered spring
CHIN 30300 - Classical Chinese Literature I

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 40100 - Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.
prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr.

-and-

Chinese and English Translation and Interpretation (12-18 credits):

RUSS 21500 - Translating Culture: Introduction to Theory and Practice of Translation

Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in 20th century. Designed for students interested in translation in any language.
prereq: ENGL 12000
3 hrs
3 cr.

CHIN 31600 - Introduction to Business Translation (Chinese – English)

This course introduces a broad scope of language support services pertaining to the business environment, specifically, to a variety of written documents and face-to-face verbal situations that call for translation between Chinese and English—from official stationery, daily correspondences, and meetings to press releases, press conferences, advertising copies, product manuals, and trade events. Students will learn to analyze source documents in real world indicators of the project in question: the client (commissioner of the work), targeted audience, purpose of document, and context of use; students will practice handling documents as an in-house language support staff, providing sight or summary translation, or general interpreting between Chinese and English in the context of business meetings. Through class discussions and practice, principles and approaches will emerge from a survey of key industry drivers of Chinese/English translation in real estate development, tourism, entertainment, digital gaming, and the art market.
prereq: CHIN 20200
3 hrs
3 cr.

CHIN 31700 - Community Interpreting and Sight Translation, Chinese – English

This course provides a foundational skill-based grounding for the community interpreter who orally translates between English and Mandarin Chinese in both directions. This course will facilitate interpreting practice in a wide array of public, community, and commercial settings—from the adoption interview, real-estate closing, and arbitration proceedings to the pre-trial deposition and parent-teacher conference; the course will also emphasize sight translation, the oral translation of written texts, as a fundamental skill in community interpreting. As part of an experiential learning
approach, students will role play and constitute their own "scenarios," practice self- and peer-assessment, and learn the multi-faceted process of interpreting, including note-taking, listening, voice production, the use of verbal and non-verbal cues, memory training, and paralinguistic applications. The course will survey the role of community interpreting in the US context addressing key sectors including healthcare, public education, social services, and the criminal justice and court system.

prereq: CHIN 20200
3 hrs
3 cr.

CHIN 31800 - Intercultural and Interlingual Discourse in Chinese & English

This course addresses the structural and cultural aspects of language use with focus on dual-language communication involving Chinese and English. Interlingually, the course will explore given structural differences between Chinese and English, including aspects of speech habits (phonology), word-formation (morphology), vocabulary (lexicon), phraseology, and sentence structure (syntax); interculturally, the course will examine how dual-language speakers (and translators) negotiate and shape Chinese and English in the dynamic of time-and-place communication, including the navigation of different discourse styles, conventions governing idiom, coherence, or logic, and assumptions about gender relations, and power and status that determine who speaks when, who gets interrupted, and how rhetoric and voice are expressed in code switching and mixing between Chinese and English. In identifying rule-governed variance and strategies used to mediate differences in communication, students will also develop an articulate understanding of how the two languages function in their separate and yet intertwined evolution.

prereq: CHIN 20200
3 hrs
3 cr.

CHIN 40153 - Chinese and English Translation (3)
CHIN 40154 - Advanced Chinese and English Translation (3)

CHIN 40200 - Independent Study in Chinese Literature

Independent study and research in Chinese literature under supervision of a faculty member. For majors only.

prereq: CHIN 40100, perm chair
3 hrs
3 cr.

Track 3: Chinese Flagship (42-48 cr.)

The track in Chinese Flagship consists of 42 credits and is intended for students accepted into the Chinese Flagship program. The track consists of 42-48 credits at Hunter chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level, plus 18 credits taken in China or Taiwan. Courses must be taken in the sequence described below. Students who are exempt from language courses at the 200-level or above must make up their credits using other CHIN courses.

Chinese language (24-30 credits):

CHIN 10100 - Elementary Chinese I
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

**CHIN 10200 - Elementary Chinese II**

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

**CHIN 20100 - Intermediate Chinese I**

Reading of literature in *baihua* (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.
prereq: CHIN 10200 or equiv.
3 hrs
3 cr.
offered fall

**CHIN 20200 - Intermediate Chinese II**

Continued reading of literature in *baihua*.
prereq: CHIN 20100 or equiv.
3 hrs
3 cr.
offered spring

**CHIN 30100 - Journalistic Chinese Literature I**

Intensive reading of literature and essays written in journalistic style.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

**CHIN 30200 - Journalistic Chinese Literature II**

Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.
3 hrs
3 cr.
offered spring

**CHIN 30300 - Classical Chinese Literature I**
Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.  
*
**prereq:** CHIN 20200 or equiv.  
**3 hrs**  
**3 cr.**  
**offered fall**

**CHIN 30400 - Classical Chinese Literature II**

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.  
*
**prereq:** CHIN 303 or equiv.  
**3 hrs**  
**3 cr.**  
**offered spring**

**CHIN 30700 - Classical Chinese Poetry**

Pluralism and Diversity  
PD/A  
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.  
*
**prereq:** CHIN 30400 or equiv.  
**3 hrs**  
**3 cr.**

**CHIN 40100 - Advanced Studies in Chinese Literature**

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.  
*
**prereq:** CHIN 30200 or equiv, perm chair  
**3 hrs**  
**3 cr.**

-and-

**Capstone year study abroad (18 credits):**  
CHIN 40105 - Intercultural Communication in Greater China (3)  
CHIN 40106 - Media in Contemporary Chinese Societies (3)  
CHIN 40108 - Domain Research in Chinese (3)  
CHIN 40114 - Chinese for Professional Purposes (3)  
CHIN 49806 - In-Service Internship (6)

**Teacher Education Pathway**

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

**Advanced Placement and Exemptions**

Students who elect to take Chinese as their required language and have studied the language abroad or at home must consult the head of the Chinese Division for advanced placement or exemptions. The Chinese program does not offer proficiency tests.
Electives

All courses, unless otherwise stated in course descriptions, are open to qualified students majoring in other disciplines.

Chinese: Other Courses

Language Courses

**CHIN 10100 - Elementary Chinese I**

Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

**CHIN 10200 - Elementary Chinese II**

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

**CHIN 10500 - Chinese Writing System and Calligraphy I**

Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.
3 hours
3 credits
offered fall

**CHIN 10600 - Chinese Writing System and Calligraphy II**

Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.
prereq: CHIN 10500 or equivalent
3 hours
3 credits
offered spring

**CHIN 30600 - 20th-century Chinese Literature**

Pluralism and Diversity
PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
CHIN 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.

prereq: at least three courses at the 300 level in the language, ENGL 12000

CHIN 11100 - Chinese Culture I

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.

CHIN 11200 - Chinese Culture II

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A

Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.

CHIN 21100 - Topics in Chinese Culture

Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.

CHIN 25100 - Topics in Chinese Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
GER 2/C

Including 20th-century literature, contemporary literature.

prereq: ENGL 12000
3 hrs
3 cr.

CHIN 35500 - Classical Chinese Fiction in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000
3 hrs
3 cr.

CHIN 35700 - Chinese Poetry in English Translation (W)

Pluralism and Diversity
PD/A
GER
3/A

Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000
3 hrs
3 cr.

Degree Map for Chinese Language and Literature

Degree Map for Chinese

Classical Archaeology (Interdepartmental) - BA

Return to Classical and Oriental Studies

Hunter Core Requirement

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of Classical Archaeology, the course that meets CCCR is:

- CLARC 20400 World Culture and Global Issues (WCGI)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.
Major Requirements - 36 credits

12 credits from the following courses:

**CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr.

**CLARC 22000 - Aegean Archaeology (W)**

**Pluralism and Diversity**
PD/D
GER
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.
prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

**CLARC 22100 - Greek Archaeology (W)**

**Pluralism and Diversity**
PD/D
GER
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLARC 20400
3 hrs
3 cr.

**CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)**

**Pluralism and Diversity**
PD/D
GER
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
CLARC 22300 - Roman Archaeology II: The Archaeology of the Roman Empire

The Mediterranean world under the Roman Empire: capital city of Rome and the provinces; architecture, painting, sculpture, Pompeii and daily life.

A corequisite of 12 credits of Greek or Latin*

*A These courses may be counted for credit in more than one program.

A total of 12 credits from the following Interdepartmental Course Pool:

CLARC 32100 - Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.

CLARC 32400 - Archaeology of Western Mediterranean

Ancient Sicily, Sardinia, Malta, Spain, and Italy, chiefly in Bronze Age. Main sites and cultures.

CLARC 32500 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.
prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary.

prereq: ENGL 12000; CLARC 20400 and one other CLARC course
3 hrs
3 cr.

CLARC 23000 - Field Seminar in Archaeology

Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school. Open only to majors who have completed ENGL 12000 and CLARC 20400.

prereq: ENGL 12000, CLARC 20400. Open to majors only; with permission of dept.
1-6 hrs
1-6 cr.

CLARC 32600 - Hellenistic Archaeology (W)
The Mediterranean world from Alexander the Great through the rise of Rome; trends in architecture, sculpture, painting, mosaics and city planning, reflecting the period's history and philosophies (ca. 350 – 31 BCE). Focuses on the sites of Alexandria, Pergamon, Delos, Athens, Rome.

**CLARC 32800 - Theory and Methods in Classical Archaeology (W)**

Archaeology as a comprehensive discipline of historical inquiry through analysis of material culture, as studied in the Mediterranean basin and the Ancient Near East. This course includes fieldwork strategies, survey, stratigraphic excavation, ceramic and numismatic analysis, artifact and data processing and documentation, management and protection of cultural heritage.

**CLA 49100 - Honors in Classics**

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

**ANTHC 12600 - Introduction to Prehistoric Archaeology**

**ANTHC 12700 - Methods In Archaeological Science**
ANTHC 22600 - Archaeology of Africa

Pluralism and Diversity
PD/A
GER
3/B

Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies.

prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 22700 - Archaeology of Europe

Pluralism and Diversity
PD/D
GER
3/B

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.

prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 22800 - Archaeology of the Near East to 2000 BC

Pluralism and Diversity
PD/A
GER
3/B

Sociocultural development of Near East from early hunter-gatherers to first states and empires.

prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23100 - Archaeology of Mesoamerica

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.

prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B
Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.

*prereq: ANTHC 12600 or perm instr.*

3 hrs
3 cr.

**ANTHC 42600 - Seminar in Archaeological Field Methods**

**Pluralism and Diversity**
See note below
Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

*ANTHC 42659 Archaeology of North America meets PD/B*
*ANTHC 42660 Archaeology of Colonialism meets PD/D*

*prereq: ANTHC 12600 or perm instr.*
3 hrs
3 cr.

**Honors and Tutorials**

Departmental honors in classics and tutorials are open only to majors.

**Degree Map for Classical Archaeology**

**Classical Studies - BA**

Return to Classical and Oriental Studies

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019  Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement. In the case of Classical Studies, the courses that meet CCCR are:

**CLA 20100 - Greek Civilization (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/D
GER
Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
prereq: ENGL 12000
3 hrs
3 cr.

CLA 20300 - Roman Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.
prereq: ENGL 12000
3 hrs
3 cr.

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr.

CLA 25000 - Greek and Roman Tragedy (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25100 - Ancient Comedy (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.
_prereq: ENGL 12000
3 hrs
3 cr.

CLA 25300 - Homer and Vergil (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.
_prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

Courses Required for the Major (24 credits)

12 credits of Greek or 12 credits of Latin, including

GRK 10100 - Beginning Ancient Greek 1

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

GRK 10200 - Beginning Ancient Greek 2

Elementary course in grammar, syntax and morphology of Ancient Greek.

_prereq: GRK 10100
3 hrs
3 cr.
offered spring

LAT 10200 - Beginning Latin 2
12 credits of Classics courses given in English (with a CLA or a CLARC prefix), including two courses at the 300 level

Note: CLA 10100 and CLA 11000 do not count toward the major.

Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

Note: Can serve as one of the 3-credit CLA elective courses.

CLA 49100 - Honors in Classics

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

prereq: ENGL 12000, perm dept.

3 hrs
3 cr.

Courses in Classical Studies

CLA 10100 - Classical Mythology

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs
3 cr.

CLA 11000 - The Greek and Latin Roots of English

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs
3 cr.
CLA 20100 - Greek Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.

prereq: ENGL 12000
3 hrs
3 cr.

CLARC 20200 - Hellenistic Civilization (W)

Pluralism and Diversity
PD/D
GER
3/A

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.

prereq: ENGL 12000; CLA 20100 or CLARC 20400
3 hrs
3 cr.

CLA 20300 - Roman Civilization (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.

prereq: ENGL 12000
3 hrs
3 cr.

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

prereq: ENGL 12000
CLARC 22000 - Aegean Archaeology (W)

Pluralism and Diversity  
PD/D  
GER  
3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.  
*prereq: ENGL 12000, CLARC 20400  
3 hrs  
3 cr.

CLARC 22100 - Greek Archaeology (W)

Pluralism and Diversity  
PD/D  
GER  
3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.  
*prereq: ENGL 12000; CLARC 20400  
3 hrs  
3 cr.

CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity  
PD/D  
GER  
3/A

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.  
*prereq: ENGL 12000; CLARC 20300 -or- CLARC 20400  
3 hrs  
3 cr.  
*fall only

CLARC 32100 - Archaeology of Egypt (W)

Pluralism and Diversity  
PD/A  
GER  
3/A

Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.  
*prereq: ENGL 12000, CLARC 20400
CLARC 32500 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A
GER
3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.

prereq: ENGL 12000, CLARC 20400

CLA 24000 - Topics in Classics

Examination of specific areas of classical culture, such as literature, language, or numismatics.

prereq: ENGL 120

CLA 25000 - Greek and Roman Tragedy (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.

prereq: ENGL 12000 recom: CLA 10100

CLA 25100 - Ancient Comedy (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.

prereq: ENGL 12000

3 hrs
3 cr.
CLA 25300 - Homer and Vergil (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.
prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25400 - The Ancient Novel in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Greek and Roman prose fiction—Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatius' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.
prereq: ENGL 22000 or perm instr.
3 hrs
3 cr.

CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

Pluralism and Diversity
PD/D
GER
3/A

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
prereq: ENGL 12000; CLA 10100
3 hrs
3 cr.

CLA 30300 - Religion of Ancient Greece (W)

Pluralism and Diversity
GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.
prereq: ENGL 12000, CLA 10100 or 20100
3 hrs
3 cr.

CLA 30400 - Pagans and Christians (W)
Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.

*prereq: ENGL 12000; CLA 20100 or 20300*

3 hrs

3 cr.

**CLA 30500 - Women and Slaves in Classical Antiquity (W)**

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.

*cross-listed* WGSC 30500 (W)

*prereq: ENGL 12000; CLA 20100 or 20300*

3 hrs

3 cr.

**CLA 30600 - Special Studies in Ancient Greek Culture**

Examination of specific areas of Greek life. Topics vary from year to year.

*prereq: ENGL 12000*

3 hrs

3 cr.

**CLA 30700 - Special Studies in Ancient Roman Culture**

Examination of specific areas of Roman life. Topics vary from year to year.

*prereq: ENGL 12000*

3 hrs

3 cr.

**CLA 30800 - Magic and Science in the Ancient World (W)**

The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.

*prereq: ENGL 12000; CLA 20100 or 20300*

3 hrs

3 cr.

**CLA 31000 - Ancient Sports and Spectacles (W)**
Pluralism and Diversity
PD/D
GER
3/A

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.

**prereq:** ENGL 12000; CLA 20100 or 20300

3 hrs
3 cr.

**CLARC 32200 - Archaeology of Mesopotamia and Iran (W)**

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

**prereq:** ENGL 12000, CLARC 20400

3 hrs
3 cr.

**CLARC 32300 - Archaeology of Anatolia (W)**

Pluralism and Diversity
PD/A
GER
3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

**prereq:** ENGL 12000, CLARC 20400

3 hrs
3 cr.

**CLARC 32900 - Problems in Archaeology**

Exploration in depth of particular area or period in Old World archaeology. Topics vary.

**prereq:** ENGL 12000; CLARC 20400 and one other CLARC course

3 hrs
3 cr.

**CLARC 23000 - Field Seminar in Archaeology**

Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school. Open only to majors who have completed ENGL 12000 and CLARC 20400.

**prereq:** ENGL 12000, CLARC 20400. Open to majors only; with permission of dept.
1-6 hrs
1-6 cr.

CLA 42100 - Independent Study in Classics

Open to majors only.
_prereq: ENGL 12000, perm dept.
1-3 cr.

CLA 49100 - Honors in Classics

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.
_prereq: ENGL 12000, perm dept.
3 hrs
3 cr.

CLA 49800 - Internship

_prereq: ENGL 12000, perm dept.
1-6 cr.

Degree Map

Degree Map for Classical Studies

Degree Map for Arabic BA (Heritage Learner)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Arabic major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: perm of division head
3 hrs
3 cr.

• Math/Quantitative Reasoning
• Scientific World
• Individual & Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: ARB 14800 or Arabic Program head's permission
3 hrs
3 cr.

• Creative Expression
• Individual & Society/ Humanities
• Life and Physical Sciences
Sophomore Year

Fall

**ARB 15000 - Introduction to Modern Arab Cultures**

**Hunter Core**  
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**  
P/D A  
This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs  
3 cr.

**ARB 30100 - Advanced Arabic I**

Emphasis on increased proficiency in reading, speaking and writing Arabic  
*prereq: ARB 20200 or equiv.*

3 hrs  
3 cr.

- US Experience in Its Diversity
- Elective
- Elective

Spring

**ARB 30200 - Advanced Arabic II**

Continuation of ARB 30100  
*prereq: ARB 30100 or equiv.*

3 hrs  
3 cr.

- World Cultures & Global Issues
- Elective
- Elective
- Elective

Junior Year

Fall

- Elective
- Elective
- Elective
- Hunter Focus: Concentrated Study
• ARB 200 level culture course in English

Spring

• ARB 200 level culture course in English
• Elective
• Elective
• Elective
• Elective

Senior Year

Fall

ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

**prereq or coreq:** ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.

3 hours
3 credits

ARB 40100 - Focused Arabic Study for Advanced Students

**Pluralism and Diversity**
P/D A
A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

**prereq:** ARB 30200

3 hrs
3 cr.
• Elective
• Elective
• Elective

Spring

ARB 49000 - The Arabic Senior Capstone

This capstone course is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project in Arabic. Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival surveys; annotated
bibliographies; live and/or recorded artistic performances; exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications. The final project will be evaluated mainly on the basis of the level, range, and linguistic accuracy of the Arabic used in it.

**prereq:** ARB 15000 and one 200-level ARB course

**coreq:** ARB 40100

3 hrs

3 cr.

- Elective
- Elective
- Elective
- Elective

### Degree Map for Arabic BA (Non-Heritage Learner)

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Arabic major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

### Freshman Year

**Fall**

**ENGL 12000 - Expository Writing**

**Hunter Core**

English Comp (EC)

**GER**

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq:** successful completion of developmental courses, if required

3 hrs + conf

3 cr.

**ARB 20100 - Intermediate Arabic I**

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

**prereq:** ARB 10200 or equiv.

3 hrs

3 cr.

- Math & Quantitative Reasoning
- Scientific World
Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

ARB 10200 - Beginning Arabic II

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.

prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs
3 cr.

Sophomore Year

Fall

ARB 15000 - Introduction to Modern Arab Cultures

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D A

This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.
**ARB 20100 - Intermediate Arabic I**

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.  
*prereq: ARB 10200 or equiv.*

**Spring**

**ARB 20200 - Intermediate Arabic II**

Continuation of ARB 20100.  
*prereq: ARB 20100 or equiv.*

**Junior Year**

**Fall**

**ARB 30100 - Advanced Arabic I**

Emphasis on increased proficiency in reading, speaking and writing Arabic  
*prereq: ARB 20200 or equiv.*

**Spring**

**ARB 30200 - Advanced Arabic II**

Continuation of ARB 30100  
*prereq: ARB 30100 or equiv.*
Senior Year

Fall

**ARB 40100 - Focused Arabic Study for Advanced Students**

**Pluralism and Diversity**

P/D A

A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

*prereq: ARB 30200*

3 hrs

**ARB 30000 - Problems in Arabic Literature and Culture**

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

*prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.*

3 hours

3 credits

Spring

**ARB 49000 - The Arabic Senior Capstone**

This capstone course is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project in Arabic. Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival surveys; annotated bibliographies; live and/or recorded artistic performances; exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications. The final project will evaluated mainly on the basis of the level, range, and linguistic accuracy of the Arabic that is used in it.
prereq: ARB 15000 and one 200-level ARB course

coreq: ARB 40100
3 hrs
3 cr.

- Elective
- Elective
- Elective
- Elective

Greek - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (36 credits)

1) 24 credits of Greek

GRK 10100 - Beginning Ancient Greek 1

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

GRK 10200 - Beginning Ancient Greek 2

Elementary course in grammar, syntax and morphology of Ancient Greek.

prereq: GRK 10100
3 hrs
3 cr.
offered spring

GRK 21100 - Ancient Greek Reading: Prose

Intermediate-level course in reading Greek prose. Offered in the fall.
prereq: GRK 10200
3 hrs
3 cr.
fall
GRK 21200 - Ancient Greek Reading: Poetry

Intermediate-level course in reading Greek poetry, usually Homer. Offered in the spring.
*prereq: GRK 21100*
3 hrs
3 cr.
spring

GRK 20200 - Plato

*prereq: GRK 11000 or equiv.*
3 hrs
3 cr.

GRK 30100 - Plato II

*prereq: GRK 20200 or equiv.*
3 hrs
3 cr.

GRK 30200 - Euripides

*prereq: GRK 20200 or equiv.*
3 hrs
3 cr.

GRK 30300 - Greek Lyric Poetry

*prereq: GRK 20200 or equiv.*
3 hrs
3 cr.

GRK 30400 - Aristophanes and Menander

*prereq: GRK 20200 or equiv.*
3 hrs
3 cr.

GRK 30500 - Attic Orators

*prereq: GRK 20200 or equiv.*
3 hrs
3 cr.

GRK 30700 - Sophocles

*prereq: GRK 20200 or equiv.*
3 hrs
3 cr.
GRK 30800 - Aeschylus

prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30900 - Herodotus

prereq: GRK 202 or equiv.
3 hrs
3 cr.

GRK 31000 - Thucydides

prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 32000 - Topics in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.

prereq: GRK 20200 or equivalent
3 hrs
3 cr.

GRK 42100 - Independent Study in Greek Literature

Advanced-level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.

prereq: GRK 20200 and Department Permission
3 hrs
3 cr.

2) 6 credits of LAT

Depending on prior learning, students may be able to select more advanced LAT courses. See program adviser.

LAT 10100 - Beginning Latin 1

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.
3 hrs.
3 cr.
offered fall

3) 6 credits of courses with a CLA or a CLARC prefix
Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

CLA 49100 - Honors in Classics

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

 prereq: ENGL 12000, perm dept.
3 hrs
3 cr.

Can serve as one of the 3-credit CLA elective courses.

Degree Map for Greek

Degree Map for Greek

Greek and Latin - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (36 credits)

18 credits each of Greek and Latin (may include 10100-10200 or, in Latin, LAT 10700)

- Courses in Greek
- Courses in Latin

Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

Degree Map for Greek and Latin

Degree Map for Greek and Latin

Hebrew - BA

The major consists of 24-30 credits. In general, a Hebrew major is required to achieve proficiency in Biblical and/or modern Hebrew literature by successfully completing a minimum of four courses at the 300 level in Hebrew. Courses in Hebraic studies conducted in English may be applied toward partial fulfillment of the Hebrew major provided they
are part of a coherent program approved by the head of the division. Qualified students interested in a more intensive program in the field of Hebraic or Judaic studies, particularly those preparing for graduate work in such specialized areas as Semitic languages and civilizations, Jewish history, Biblical studies and archaeology, medieval or modern Hebrew literature, Near Eastern studies or religious studies, should consult a division adviser regarding additional courses and supportive studies in related fields. Students who demonstrate proficiency in Hebrew through a placement exam may be exempted from some courses. Please see the Classical and Oriental Studies department for details.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEBR 21100</td>
<td>Individual &amp; Society (SS)</td>
</tr>
<tr>
<td>HEBR 22100</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HEBR 22200</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HEBR 24000</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HEBR 25900</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HEBR 29000</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HEBR 29200</td>
<td>Individual and Society (H)</td>
</tr>
<tr>
<td>HEBR 29500</td>
<td>World Culture and Global Issues</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major (24-30 credits)**

**HEBR 10100 - Elementary Hebrew I**

Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**HEBR 10200 - Elementary Hebrew II**

Continuation of HEBR 10100.

*prereq: HEBR 10100 or equiv.*

3 hrs
3 cr.
100/200+ level HEBR courses (12 credits)
300 level HEBR courses (12 credits)

Honors

Opportunity for honors work is available through HEBR 49100 - Honors Project.

Courses in Hebrew

HEBR 10100 - Elementary Hebrew I

Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

HEBR 10200 - Elementary Hebrew II

Continuation of HEBR 10100.

prereq: HEBR 10100 or equiv.

3 hrs
3 cr.

HEBR 10300 - Intensive Elementary Hebrew

Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.

6 hrs
6 cr.

HEBR 10500 - Elementary Biblical Hebrew I

Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.

Not credited without HEBR 10600

3 hours
3 credits

HEBR 10600 - Elementary Biblical Hebrew II

The second in a series of 4 introductory courses in Biblical Hebrew.

prereq: HEBR 105 or equivalent.

3 hours
3 credits

HEBR 20100 - Intermediate Hebrew I
Continued practice in conversational Hebrew, grammar and composition.

_prereq: HEBR 10200 or equiv._
3 _hrs_
3 _cr._

**HEBR 20200 - Intermediate Hebrew II**

Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.

_prereq: HEBR 20100 or equiv._
3 _hrs_
3 _cr._

**HEBR 20300 - Intensive Intermediate Hebrew**

Second-Year Hebrew in a single course; equivalent to HEBR 20100 and HEBR 20200. Instruction and practice in reading, writing, and written and oral comprehension. Students may not receive credit for 20300 if they have credit for 20100 and/or 20200.

_prereq: HEBR 10200 or HEBR 10300_
6 _hrs_
6 _cr._

**HEBR 20500 - Intermediate Biblical Hebrew I**

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses.

_prereq: Biblical Hebrew 10600 or equivalent._
3 _hours_
3 _credits_

**HEBR 20600 - Intermediate Biblical Hebrew II**

This is the 4th semester of the 4-semester Biblical Hebrew series.

_prereq: HEBR 20500 or equivalent._
3 _hours_
3 _credits_

**HEBR 21000 - Selected Studies in Hebrew Literature in Translation**

_Pluralism and Diversity_
PD/C (HEBR 21060 only)
Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 _hrs_
3 _cr._

**HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)**

_Hunter Core_
_Individual and Society (Humanities) -I&S H_
_Pluralism and Diversity_
PD/D
GER
Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.
3 hrs
3 cr.

**HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)**

GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr

**HEBR 21400 - Maimonides' Guide to the Perplexed**

Pluralism and Diversity
PD/D
GER
3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.
3 hrs
3 cr

**HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World**

Pluralism and Diversity
PD/A
GER
3/A

A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.

*prereq: ENGL 12000*
3 hrs
3 cr

**HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)**

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.

*prereq: ENGL 22000*
3 hrs
3 cr
HEBR 22000 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.

cross-listed cross-listed with FILM 21344
prereq: ENGL 12000
3 hrs
3 cr

HEBR 22100 - Modern Israeli Culture

Hunter Core
World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hours
3 credits

HEBR 24000 - Introduction to the Old Testament

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

HEBR 25000 - Topics in Hebraic Studies

Pluralism and Diversity
PD/C
Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some
topics may meet a PD requirement; check with department.
3 hrs
3 cr

HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr

HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

GER
3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.
3 hrs
3 cr.

HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs
3 cr

HEBR 28800 - Ancient Hebraic Folklore
Pluralism and Diversity
PD/A
GER
2/C

Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apocyphal literature and rabbinic aggada.
3 hrs
3 cr

HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr

HEBR 29200 - The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr

HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr

HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
Historical and comparative study of Biblical and rabbinic law.
 3 hrs
 3 cr

HEBR 29600 - The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER
3/A
Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
 3 hrs
 3 cr

HEBR 31000 - Modern Hebrew Literature I

Pluralism and Diversity
PD/D
GER
3/A
Reading and discussion of selected works in prose and poetry of 19th-century authors.
prereq: HEBR 20200 or equiv. or exemption
 3 hrs
 3 cr

HEBR 31100 - Modern Hebrew Literature II

GER
3/A
Reading and discussion of selected works in prose and poetry of 20th-century authors.
prereq: HEBR 20200 or equiv.
 3 hrs
 3 cr.

HEBR 31500 - Biblical Literature: Pentateuch

Pluralism and Diversity
PD/A
GER
3/A
Selections from Pentateuch.
prereq: HEBR 20200 or equiv.
HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from books of Joshua, Judges, Samuel and Kings.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 31700 - Biblical Literature: Prophetic Books

Pluralism and Diversity
PD/A
GER
3/A

Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr

HEBR 31800 - Biblical Literature: Hagiographa

Pluralism and Diversity
PD/A
GER
3/A

Selections from Job, Proverbs, Psalms and the five Magillot.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32000 - The Modern Hebrew Short Story

GER
3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.

HEBR 22300 - Introduction to Talmudic Literature in Translation
**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

**PD/A**
**GER**
3/A

Introduction to the structure, content, and formation of the Talmudic corpus and the history of its interpretation and application. All texts studied in English translation.
Counts toward Hebrew major and Hebraic Studies Minor.

*prereq: ENGL 12000*
3 hrs.
3 cr.

**HEBR 32200 - Medieval Literature**

**Pluralism and Diversity**

**PD/D**
**GER**
3/A

Selections from literature of Golden Age in Spain.

*prereq: HEBR 20200 or equiv.*
3 hrs
3 cr

**HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period**

**Pluralism and Diversity**

**PD/D**
**GER**
3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.

*prereq: HEBR 20200 or equiv.*
3 hrs
3 cr

**HEBR 32400 - The Modern Hebrew Essay**

**Pluralism and Diversity**

**PD/D**
**GER**
3/A

Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.

*prereq: HEBR 20200 or equiv.*
3 hrs
3 cr

**HEBR 32500 - History of Modern Hebrew Literature**
Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32600 - Hebrew Poetry Between the Two World Wars

Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700 - The Modern Hebrew Novel

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32800 - Contemporary Hebrew Prose

prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 33100 - Medieval Hebrew Philosophic Texts

Study of selected chapters of Halevi's Kuzari and Maimonide' Moreh Nebukim (Guide to the Perplexed).
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 35100 - Hebrew Grammar and Composition
Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in composition.

_prereq: HEBR 20200 or equiv._

3 hrs
3 cr

**HEBR 35700 - Approaches to Main Problems in Hebraic Studies**

Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester.

There are "unlimited" repeats for this course.

_prereq: HEBR 20200 or equiv._

3 hrs
3 cr

**HEBR 39900 - Second Language Acquisition**

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.

_prereq: at least three courses at the 300 level in the language, ENGL 12000_

3 hrs
3 cr

**HEBR 45100 - Selected Studies in Hebrew Literature**

Pluralism and Diversity

PD/D

Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.

_prereq: HEBR 20200 or equiv, perm division_

3 hrs
3 cr

**HEBR 49000 - Independent Studies**

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester.

There are "unlimited" repeats for this course.

_prereq: permission of division head_

hrs TBA
3 cr

**HEBR 49100 - Honors Project**

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.

There are "unlimited" repeats for this course.

_prereq: Jr/Sr only; perm division_
Japanese Courses

Return to Classical and Oriental Studies

The following are the courses offered in Japanese language and culture.

Courses in Japanese Language/Culture

**JPN 10100 - Elementary Japanese I**

Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation. JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**JPN 10200 - Elementary Japanese II**

Continuation of 10100.

*prereq: JPN 10100 or equiv.*

3 hrs
3 cr.

**JPN 20100 - Intermediate Japanese I**

Continuation of JPN 10100-10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.

*prereq: JPN 10200 or equiv.*

3 hrs
3 cr.

**JPN 20200 - Intermediate Japanese II**

Continuation of JPN 20100.

*prereq: JPN 20100 or equiv.*

3 hrs
3 cr.

**JPN 30100 - Advanced Japanese I**
Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.

*prereq: JPN 20200 or equiv.*

3 hrs
3 cr.

**JPN 30200 - Advanced Japanese II**

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.

*prereq: JPN 30100 or equiv.*

3 hrs
3 cr.

**JPN 25100 - Japanese Culture Before 1600**

*Hunter Core*
Indirect and Society - Humanities (I&S H)

*Pluralism and Diversity*

PD/A
GER
2/C

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian – to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries – most notably China – to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).

*prereq: ENGL 120*

3 hrs
3 cr

**JPN 25200 - Japanese Culture Since 1600**

*Pluralism and Diversity*

PD/A
GER
2/C

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures – that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.

*prereq: ENGL 12000*

3 hours
3 credits
Latin - BA

Return to Classical and Oriental Studies

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (36 credits)

24 credits of Latin

LAT 10100 - Beginning Latin 1

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.
3 hrs.
3 cr.
offered fall

LAT 10200 - Beginning Latin 2

3 hrs.
3 cr.
offered spring

LAT 20100 - Ovid's Metamorphoses

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20200 - Roman Biography

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20300 - Vergil's Aeneid

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20400 - Cicero's De Senectute
prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 21100 - Latin Reading: Prose
Intermediate-level course in reading Latin prose.

prereq: LAT 10200 or LAT 10700
3 hrs
3 cr.
offered fall

LAT 21200 - Latin Reading: Poetry
Intermediate-level course in reading Latin poetry, usually Virgil or Ovid, in alternating semesters. Offered in the Spring. may be taken twice for credit toward the degree if different authors are read and only with departmental permission. Students who have taken LAT 20100 or LAT 20300 must receive departmental permission to take this course.
prereq: LAT 21100; Not open to students who have taken LAT 20100 or LAT 20300.
3 hrs
3 cr.

LAT 22000 - Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
offered summer

LAT 30200 - Roman Letter
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30300 - Roman Comedy
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30400 - Roman Satire
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30500 - Vergil's Eclogues and Georgics
LAT 30600 - Cicero

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30700 - Lucretius’ De Rerum Natura

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30800 - Roman Epic

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30900 - Lyric Poetry of the Golden Age

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31000 - The Roman Novel

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31100 - Elegiac Poets

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31200 - Livy

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31300 - Caesar
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31400 - Tacitus

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 32000 - Topics in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.

prereq: LAT 20100 or 20200 or 20300 or equivalent
3 hrs
3 cr.

LAT 42100 - Independent Study in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.

prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr.

6 credits of GRK including

GRK 10100 - Beginning Ancient Greek 1

Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

GRK 10200 - Beginning Ancient Greek 2

Elementary course in grammar, syntax and morphology of Ancient Greek.

prereq: GRK 10100
3 hrs
3 cr.
offered spring

6 credits of courses with a CLA or CLARC prefix
Preparation for Teaching in Grades 7-12

Students interested in a teaching career should consult with the School of Education about the MA in the teaching of Latin.

Honors and Tutorials

CLA 49100 Honors in Classics*

Departmental honors in classics and tutorials are open only to majors.

* Can serve as one of the 3-credit CLA elective courses.

Courses in Latin

LAT 21100 - Latin Reading: Prose

Intermediate-level course in reading Latin prose. Offered in the Fall.

prereq: LAT 10200 or LAT 10700
3 hrs
3 cr.
offered fall

LAT 20100 - Ovid's Metamorphoses

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20200 - Roman Biography

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20300 - Vergil's Aeneid

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20400 - Cicero's De Senectute

prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 22000 - Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
offered summer

LAT 30200 - Roman Letter

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30300 - Roman Comedy

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30400 - Roman Satire

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30500 - Vergil’s Eclogues and Georgics

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30600 - Cicero

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30700 - Lucretius’ De Rerum Natura

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30800 - Roman Epic

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30900 - Lyric Poetry of the Golden Age
LAT 31000 - The Roman Novel

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31100 - Elegiac Poets

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31200 - Livy

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31300 - Caesar

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31400 - Tacitus

prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 42100 - Independent Study in Latin Literature

Advanced-level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.

prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr.

Degree Map

Degree Map for Latin

Minor in Arabic and Minor in Arabic Studies
Return to Classical and Oriental Studies

Two 12-credit minors are offered by the Arabic Language, Literature, and Culture Division of the Department of Classical and Oriental Studies: Arabic and Arabic Studies.

Minor in Arabic

The minor in Arabic requires the successful completion of

**ARB 20100 - Intermediate Arabic I**

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

*prereq: ARB 10200 or equiv.*

3 hrs

3 cr.

**ARB 20200 - Intermediate Arabic II**

Continuation of ARB 20100.

*prereq: ARB 20100 or equiv.*

3 hrs

3 cr.

**ARB 30100 - Advanced Arabic I**

Emphasis on increased proficiency in reading, speaking and writing Arabic.

*prereq: ARB 20200 or equiv.*

3 hrs

3 cr.

**ARB 30200 - Advanced Arabic II**

Continuation of ARB 30100

*prereq: ARB 30100 or equiv.*

3 hrs

3 cr.

or their equivalent as determined by the Arabic Program Head.

**ARB 24900 - Special Topics in Arabic Dialects**

The goal of this course is to teach students oral communication in spoken Arabic, as well as to impart cultural knowledge relevant to a student living in or visiting the Arab World. This course is closed to native speakers and heritage learners of Arabic. The dialect taught in this course will depend on student demand and the instructor.

*prereq: ARB 20200*

3 hrs

3 cr.

**ARB 40100 - Focused Arabic Study for Advanced Students**
**Pluralism and Diversity**

**P/D A**

A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

*prereq: ARB 30200*

*3 hrs*

*3 cr.*

can count toward the minor

**Arabic Studies Minor**

At least 2 Arabic language classes taken at Hunter

- ARB 10100 Beginning Arabic I
- ARB 10200 Beginning Arabic II
- ARB 24900 Special Topics in Arabic Dialects
- ARB 20100 Intermediate Arabic I
- ARB 20200 Intermediate Arabic II
- ARB 30100 Advanced Arabic I
- ARB 30200 Advanced Arabic II

or at a program approved by the Arabic Program Head and at least two ARB courses taught in English.

For students who test out of ARB 30200 without having taken any Arabic courses at the university level, the Arabic Studies Minor can be achieved by taking at least 4 courses from the ARB courses taught in English.

Total credits for the minor: 12

**Arabic Courses**

**ARB 10100 - Beginning Arabic I**

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Language Proficiency Requirement

*3 hrs*

*3 cr.*

**ARB 10200 - Beginning Arabic II**

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and
informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.

prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs
3 cr.

ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: perm of division head
3 hrs
3 cr.

ARB 14900 - Spoken Egyptian Arabic

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic.

prereq: ARB 10200 and permission of instructor
3 hours
3 credits

ARB 15000 - Introduction to Modern Arab Cultures

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D A
This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs
3 cr.

ARB 20000 - Topics in Arabic Literature and Culture

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

prereq: ENGL 12000 or equivalent
3 hrs.
3 cr.
ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

Prereq: ARB 10200 or equiv.
3 hrs
3 cr.

ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.

Prereq: ARB 20100 or equiv.
3 hrs
3 cr.

ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book

The course is not open to students who have taken the ARB 10100-30200 sequence.

Prereq: ARB 14800 or Arabic Program head’s permission
3 hrs
3 cr.

ARB 24900 - Special Topics in Arabic Dialects

The goal of this course is to teach students oral communication in spoken Arabic, as well as to impart cultural knowledge relevant to a student living in or visiting the Arab World. This course is closed to native speakers and heritage learners of Arabic. The dialect taught in this course will depend on student demand and the instructor.

Prereq: ARB 20200
3 hrs
3 cr.

ARB 25000 - The Arab Novel (in translation) (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

Prereq: ENG 22000 or equiv.
3 hrs
3 cr.

ARB 25100 - Arab Cinema (in translation)
This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 credits

**ARB 25200 - Literatures from the Islamic World (W)**

Hunter Core
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A
GER

2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 credits

**ARB 25300 - Literatures and Cultures of Muslim Spain (W)**

Hunter Core
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A
GER

2/C

A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.

**prereq:** ENGL 12000 or equivalent

3 hrs

3 credits

**ARB 25400 - The Arabian Nights East and West (W)**

Hunter Core
Creative Expression (CE)

**Pluralism and Diversity**

PD/A
GER

2/C

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
ARB 25500 - Modern Palestinian Culture

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.

3 hrs
3 cr.

ARB 25600 - Modern Arab Theatre

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity

PD/A

Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.

3 hrs
3 cr.

ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the on-line class schedule.

prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.

3 hours
3 credits

ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic

prereq: ARB 20200 or equiv.

3 hrs
3 cr.

ARB 30200 - Advanced Arabic II
Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs
3 cr.

ARB 40100 - Focused Arabic Study for Advanced Students

Pluralism and Diversity
P/D A
A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.
prereq: ARB 30200
3 hrs
3 cr.

Minor in Chinese

The Minor in Chinese consists of 12 credits. Students must take four courses at or above CHIN 200-level taught in Chinese. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

Minor in Classical Archaeology

These courses will provide the student with a broad overview of the material cultures of the ancient classical and near eastern civilizations and serve as an introduction to the methodologies, investigative techniques and analyses employed in the field of archaeology.

12 credits
1. CLARC 20400 Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
2. CLARC 22100 Greek Archaeology (W)
3. CLARC 22200 Roman Archaeology I: Etruscans, Monarchy, Republic (W)
   -or-
   CLARC 22300 Roman Archaeology II: The Archaeology of the Roman Empire
4. One other course in Classical Archaeology at the 200- or 300-level.
   CLARC 22000 Aegean Archaeology (W)
   CLARC 32100 Archaeology of Egypt (W)
   CLARC 32200 Archaeology of Mesopotamia and Iran (W)
   CLARC 32300 Archaeology of Anatolia (W)
   CLARC 32400 Archaeology of Western Mediterranean
   CLARC 32500 Archaeology of Eastern Mediterranean (W)
CLARC 32800 Theory and Methods in Classical Archaeology (W)

CLARC 32900 Problems in Archaeology

Note: CLARC 20400 is a prerequisite for all other Classical Archaeology courses.

Minor in Classical Studies

12 Credits:

1. CLA 10100 - Classical Mythology
2. CLA 20100 - Greek Civilization (W)
3. CLA 20300 - Roman Civilization (W)
4. One course with a CLA or a CLARC prefix at the 200- or 300-level (e.g., literature in translation or upper-level culture courses or CLARC 20400)

Note: CLA 10100, CLA 20100, and CLA 20300 have no prerequisites

Minor in Hebraic Studies

Minor: 12 credits

The Hebraic Studies minor requires the successful completion of four HEBR literature and/or culture courses on the 200-level or above, taught in English or in Hebrew. Two Hebrew language courses on 300-level or above may be used toward the minor requirement in lieu of two literature or culture courses.

Minor in Hebrew

The Hebrew minor requires the successful completion of 12 credits at the 200-level or above. Courses counted toward the Hebrew minor must be either language courses or have Hebrew as their language of instruction.

Minor in Japanese Language

Fall 2019

The Japanese Language Minor seeks to develop students' understanding of the Japanese language at an advanced level. With higher-level language courses, students will be exposed to more complex oral and written Japanese that will lead to a greater fluency in the language. To this end, the Japanese Language Minor requires completion of a minimum of 12 credits (4 courses). By completing the Japanese Language Minor, students will also have fulfilled the Hunter College language requirement. No grade below B- shall be considered to fulfill the requirements for this minor.

Student must complete the following course
Students must take at least three of the following courses or an elective course approved by the department head (9 credit hours total):

- JPN 27100 Japanese Reading: Recitation and Comprehension
- JPN 30100 Advanced Japanese I
- JPN 30200 Advanced Japanese II
- JPN 35100 Advanced Japanese Conversation
- JPN 42103 Independent Study in Japanese

Note: Only one 200-level from the 200-level elective courses listed above can be counted toward the minor. Students who place out of JPN 20200 will need to complete 12 credits from the elective list.

Effective Spring 2020

The Japanese Language Minor

To this end, the Japanese Language Minor requires completion of a minimum of 12 credits (4 courses). By completing the Japanese Language Minor, students will also have fulfilled the Hunter College language requirement. No grade below B- shall be considered to fulfill the requirements for this minor.

Students must complete the following course:

- JPN 20200 Intermediate Japanese II

Students must take at least three of the following courses or an elective course approved by the department head (9 credit hours total):

- JPN 27100 Japanese Reading: Recitation and Comprehension
- JPN 30100 Advanced Japanese I
- JPN 30200 Advanced Japanese II
- JPN 30400 Special Topics in Japanese Language
- JPN 35100 Advanced Japanese Conversation
- JPN 40400 Advanced Special Topics in Japanese Language
- JPN 42100 Independent Study in Japanese

Minor in Japanese Studies
The Japanese Studies Minor seeks to develop students' understanding of Japanese culture, while also fostering a broader understanding of Japan's influence in the world. The required culture classes (JPN 25100 and JPN 25200) will give students a foundation specifically in Japanese culture and society, and the additional elective courses offer students the option to customize the aspects of Japan they want to research. This minor is designed to be flexible and accommodate students who do not take Japanese language classes, but rather have an interest purely in Japanese culture. The majority of classes that satisfy this minor are taught in English, however some Japanese language classes can be used to fulfill it. Students who complete the minor will have a well-rounded perspective on Japanese history and contemporary issues that will give insight into Japan. No grade below B- shall be considered to fulfill these requirements.

**Students must complete the following courses (6 credit hours)**

- JPN 25100 Japanese Culture Before 1600
- JPN 25200 Japanese Culture Since 1600

**Students must take at least two of the following elective courses or an elective course approved by the department head (6 credit hours total)**

- JPN 27100 Japanese Reading: Recitation and Comprehension
- JPN 35100 Advanced Japanese Conversation
- JPN 42103 Independent Study in Japanese
- ASIAN 21000 Asians in the U.S.
- ASIAN 22001 Asian American Women Writers
- ASIAN 32001 Nation, Self, and Asian Identity
- ASIAN 35152 Asian American Literature and Pop Culture
- FILM 21355 National Cinema: Asian Cinema
- HIST 27700 East Asia to 1600 (W)
- HIST 27800 East Asia, 1600 to the Present (W)

Note: Students may petition for other courses to fulfill the elective requirement. No more than one class from other campuses or universities may be used to fulfill requirements.

**Minor in Latin or Ancient Greek**

**Greek:** 12 credits beyond GRK 10100/GRK 10200

**Latin:** 12 credits beyond LAT 10100/LAT 10200 or LAT 10700

**Minor in Russian Language and Minor in Russian Literature and Culture**

The Program will encourage students to take the Russian minor. The minor consists of minimum of 12 credits. Students wishing to minor in Russian should either pass a proficiency test or take the language sequence of RUSS 10100 — RUSS 10200; RUSS 20100 — RUSS 20200. Courses taken toward the Russian minor could follow two tracks:

**Track I: Russian Language Minor**
Prerequisite: RUSS 20200 or equivalent. Students are expected to take: RUSS 30100 & RUSS 30200; RUSS 31700 or RUSS 31800 or RUSS 31900; plus one literature course taught in Russian.

Track II: Russian Literature and Culture Minor

Prerequisite: RUSS 20200 or equivalent. Students are expected to take: RUSS 30100 & RUSS 30200 and two literature or culture courses conducted either in Russian or in English. Literature courses may be substituted for language courses in the Literature and Culture Minor with permission by the head of the program.

**Russian - BA**

Return to: Classical and Oriental Studies

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of Russian, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>RUSS 15600</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 15700</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>RUSS 15800</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 25000</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 25100</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 25200</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 25300</td>
<td>Creative Expression (CE)</td>
</tr>
<tr>
<td>RUSS 25400</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 25500</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>RUSS 26000</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 27000</td>
<td>Individual and Society (I&amp;S H)</td>
</tr>
<tr>
<td>RUSS 29300</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>RUSS 29400</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>RUSS 29500</td>
<td>Creative Expression (CE)</td>
</tr>
<tr>
<td>RUSS 29600</td>
<td>Creative Expression (CE)</td>
</tr>
</tbody>
</table>
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (24 credits)

The Russian major consists of at least 24 credits chosen among courses in the language beyond RUSS 10200 or RUSS 10300.

Russian Concentrations

There are four possible concentrations within the Russian Major, the requirements for which are outlined below. Students who demonstrate proficiency in Russian through a placement exam may be exempted from some courses.

1. Russian Language Concentration: for students who want to acquire native fluency in spoken and written Russian and a thorough knowledge of Russian literature.

   - RUSS 10100 and RUSS 10200 Elementary Russian -or- RUSS 10300 Elementary Russian for Heritage Speakers (Intensive)
   - 24 credits in courses beyond RUSS 10200 or RUSS 10300.

2. Russian Language and Culture Concentration: for students interested in the arts rather than in language. With the permission of the division head, a limited number of courses in translation may be applied to the major sequence.

   - RUSS 10100 and RUSS 10200 Elementary Russian -or- RUSS 10300 Elementary Russian for Heritage Speakers (Intensive)
   - 24 credits in courses beyond RUSS 10200 or RUSS 10300.

3. Russian and East Central European Studies (RECE) Concentration: For students interested in a variety of disciplines in combination with courses from the Division of Russian and Slavic Studies. Requirements for RECE include

   - Russian or Slavic language proficiency or 6 credits in Russian or Slavic language at the 20200 (intermediate) level or above
   - 18 credits distributed as follows:
     a. Russian or East Central European history (3 cr.);
     b. RECE area political science (3 cr.);
     c. Russian or East Central European literature, culture or arts (3 cr.);
     d. and three additional 200- or 300-level courses chosen from two of the following categories:
        i. anthropology,
        ii. economics,
        iii. geography,
        iv. history,
        v. political science and
        vi. literature, culture or arts.
- Students should select courses in consultation with their RECE adviser. In addition to their 18-to 24-credit concentration, students are strongly urged to choose 12 minor credits from disciplines related to RECE.

4. Russian Translation Concentration: for students interested in acquiring training in Russian translation in a variety of professional fields. Requirements for the concentration in Russian translation include:

- RUSS 10100 and RUSS 10200 Elementary Russian -or- RUSS 10300 Elementary Russian for Heritage Speakers (Intensive)
- 6 credits in Russian language at the intermediate level (RUSS 20100 and RUSS 20200) or 6 credits in the intensive RUSS 20300 for heritage speakers.
- RUSS 21500 Translating Culture: Introduction to Theory and Practice of Translation
- RUSS 30100 Advanced Russian I
- RUSS 30200 Advanced Russian II
- RUSS 31700 Practical Aspects of Translation
- RUSS 31800 Advanced Translation
- RUSS 49800 Internship in Russian and Slavic Studies

*Students exempt from the Russian language requirement through proficiency testing or by permission of the Division Head are required to take 6 credits at the 300-level of either:

1. Two language courses from the following courses:
   - RUSS 31200
   - RUSS 31300
   - RUSS 31400
   - RUSS 31500 -or- RUSS 31900

2. Two literature courses in Russian
3. One literature courses and one of the above language courses

Degree Maps

- Degree Map for Russian: Russian & East Central European Studies
- Degree Map for Russian Language & Culture
- Degree Map for Russian Language
- Degree Map for Russian Translation

Comparative Literature

Overview

The Department of Romance Languages at Hunter College offers a major in Comparative Literature.

What can I do with my degree in Comparative Literature?

The study of comparative literature prepares students for careers in teaching, interpreting, and translating, as well as those professions that recognize the importance of a broad humanistic education, including law and medicine.
Programs and Courses

Programs and Courses in Comparative Literature

Honors

Students are eligible for departmental honors if their GPA in the major is no less than 3.5. The student must also take at least 3 credits (but no more than 6 credits) in honors courses offered by the program and approved by the adviser. The offerings of the Comparative Literature Program are determined by the needs of students in the program and the faculty available. For specific information, consult the coordinator.

Administration and Faculty

Coordinator:
Paolo Fasoli
1318 West
(212) 772-5129
pfasoli@hunter.cuny.edu

Program Office:
Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM
1341 West
(212) 772-5306
http://www.hunter.cuny.edu/romancelanguages

Faculty

Comparative Literature Faculty Committee

HEGIS Code: 1503

Comparative Literature - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 22000</td>
<td>English Composition (EC)</td>
</tr>
</tbody>
</table>

Courses Required for the Major (33 credits)
All majors take a core course in methodology, but the remaining classes in a student's program are arranged with the coordinator in an effort to work out a balance between two different bodies of literature, two different literary periods, and two different genres. In addition to comparative literature courses in prose fiction, drama, myth and folklore, literary movements, and literature and the arts, majors may also elect appropriate classes from other literature departments, as well as from such disciplines as history, philosophy, art and anthropology, with the approval of the coordinator. Upon becoming a major, a student will, in consultation with the coordinator, choose one member of the comparative literature committee as an adviser and plan an individualized program. All majors are required to review their programs with their adviser once a semester.

The comparative literature major consists of 33 credits distributed as follows:

A. ENGL 22000

ENGL 22000 - Introduction to Writing about Literature (W)

B. Concentration in at least two periods and in two genres.

C. At least 9 credits in COMP-prefixed courses, beginning with the following

(all of these courses will be taught in English)

**COMPL 30100 - Seminar: Approaches to Comparative Literature**

Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary. Required of all majors in comparative literature.

3 hrs
3 cr.

D. 21 credits in literature courses

distributed so that at least 12 credits are courses studied in the original language (be it a foreign language, if the student is proficient in that language, or English). Courses at the 300 level are strongly preferred, although exceptions may be granted by the adviser.

**Honors**

Students are eligible for departmental honors if their GPA in the major is no less than 3.5. The student must also take at least 3 credits (but no more than 6 credits) in honors courses offered by the program and approved by the adviser. The offerings of the Comparative Literature Program are determined by the needs of students in the program and the faculty available. For specific information, consult the coordinator.

**Degree Map for Comparative Literature**

Degree Map for Comparative Literature
Computer Science

Overview

The Department of Computer Science offers a comprehensive Bachelor of Arts degree in computer science. The core objectives of our curriculum are to:

- Provide a broad base in the design, implementation and application of computer software systems; a firm grasp of the essentials of computer architecture; and a solid foundation in the theoretical aspects of computer science;
- Prepare undergraduates for life after graduation in careers in business, government, and the computer industry or in the pursuit of graduate studies, and;
- Expose students to the excitement and challenge of computing technologies and theory through a variety of advanced topics courses and close participation with faculty in cutting-edge research.

What can I do with my degree in Computer Science?

The Department of Computer Science provides students with outstanding preparation both for employment as computer professionals and for graduate study. Students use a spectrum of programming languages and machine architectures and are expected to construct creative solutions to challenging problems in a variety of contexts. In addition, students are educated in the mathematics of computer science — the theoretical foundations that support current technology and will guide its future development.

Programs and Courses

Programs and Courses in Computer Science

Administration and Faculty

Chair:
William Gregory Sakas
1008 North
(212) 772-5209
wsakas@hunter.cuny.edu

Undergraduate Program Coordinator and Adviser:

Eric Schweitzer
1000E North
(212) 772-4349
Eric.Schweitzer@hunter.cuny.edu

Department Office:

1008 North
(212) 772-5213
Faculty

Computer Science Faculty

HEGIS Code: 0701

Computer Science - BA

Return to: Programs of Study

Return to: Computer Science BA Programs

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Computer Science, the course that meets CCCR is:

CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.
Courses Required for the Major (40-64 credits)

The computer science major consists of 40-50 credits in CSCI courses and 0-13 credits in MATH/STAT courses.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Students may obtain Credit by Examination for CSCI 12700, CSCI 13500 and CSCI 15000. See the Computer Science department for details.

Please note that the department of Computer Science does not accept Cr/NC grades in courses required for the Major.

All computer science majors (except those following requirements for the Computer Science with Concentration in Bioinformatics - BA) must complete successfully the following courses with a grade of C or better:

Required Math Courses (0-13 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

*Hunter Core*

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

*Note: This course is equivalent to MATH12500 for grade replacement purposes.*

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.*

*Not open to students who have taken MATH 12500 or MATH 12550.*
MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

Computer Science Requirements (28-39 credits)

CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)

CSCI 13500 - Software Analysis and Design I

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

prereq: CSCI 12700 or equivalent and; MATH 12400, or 12500, or 12550, or 15000, or 15200, or 15500.
5 hrs (3 hours lecture, 2 hours recitation)
4 cr.

CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

CSCI 16000 - Computer Architecture I

GER
3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

CSCI 23500 - Software Analysis and Design II

GER
3/B
Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.

prereq: CSCI 13500, 15O00; MATH 15000
3 hrs
3 cr.

**CSCI 26000 - Computer Architecture II**

GER
3/B

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.

prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr.

**CSCI 26500 - Computer Theory I**

GER
3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr.

**CSCI 33500 - Software Analysis and Design III**

GER
3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

prereq: CSCI 23500, MATH 15500
3 hrs
3 cr.

**CSCI 34000 - Operating Systems**

GER
3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.

prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr.
CSCI 49900 - Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages.

prereq: All non-elective courses in Computer Science required for graduation or permission of instructor.

4 hrs
4 cr.

Electives (12 credits)

*These courses may be counted for credit in more than one program.

Honors

To graduate from Hunter College with honors in computer science, a student must have at least a 2.7 GPA overall and a 3.5 GPA or better in computer science/math and a grade of A in one of the CSCI 49300 series of courses.

Additional Information

The Computer Science Department will not accept a CR grade in any of the preliminary or required courses for the major (CSCI 13500, CSCI 15000, CSCI 16000, CSCI 23500, CSCI 26000, CSCI 26500, CSCI 33500, CSCI 34000, CSCI 36000). Any student wishing to declare computer science as a major who has received a grade of CR in any of the CSCI courses listed above, must ask the instructor of that course to change the CR grade to the appropriate letter grade. This must be done before the declaration of major form can be authorized.

Please note: A grade of "D" is not considered a passing grade by this department for any of the computer science or math courses required for the major.

Degree Map

Degree Map for Computer Science

Computer Science BA Programs

Return to: Programs of Study

The Department of Computer Science offers two major programs:

- Computer Science - BA
- Computer Science with Concentration in Bioinformatics - BA

The BA in Computer Science

Provides a broad base in the design, implementation and application of computer software systems; a firm grasp of the essentials of computer architecture; and a solid foundation in the theoretical aspects of computer science;

Prepares undergraduates for life after graduation in careers in business, government, and the computer industry or in the pursuit of graduate studies, and;
Exposes students to the excitement and challenge of computing technologies and theory through a variety of advanced topics courses and close participation with faculty in cutting-edge research.

**The BA in Computer Science with a Concentration in Bioinformatics**

In addition to the core objectives cited above, provides a fundamental understanding of the most important aspects of quantitative and computational biology, including a solid background in biology, chemistry, mathematics, statistics and computer science, with an emphasis on quantitative reasoning.

**Computer Science with Concentration in Bioinformatics - BA**

Return to: Programs of Study

Return to: Computer Science BA Programs

This course of study will provide computer science majors with a fundamental understanding of the most important aspects of quantitative and computational biology, including a solid background in biology, chemistry, mathematics, statistics, and computer science, with an emphasis on quantitative reasoning. Students opting to concentrate in bioinformatics are not required to take CSCI 26000, and CSCI 36000. Instead of 15 credits of 300-level and 400-level electives, the following requirements must be met:

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Computer Science, the course that meets CCCR is: CSCI 12700 (Scientific World). Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major (57-85 credits)**

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students may obtain Credit by Examination for CSCI 12700, CSCI 13500 and CSCI 15000. See Computer Science department for details. Please note that the department of Computer Science does not accept Cr/NC grades in courses required for the Major.

**I. Introductory Math Courses (0-9 credits)**

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.*
MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

Introductory Computer Science Courses (0-7 credits)

CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several
introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

CSCI 13500 - Software Analysis and Design I

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

prereq: CSCI 12700 or equivalent and; MATH 12400, or 12500, or 12550, or 15000, or 15200, or 15500.
5 hrs (3 hours lecture, 2 hours recitation)
4 cr.

II. Students must obtain a grade of C or better in the following courses:

A. Computer science component (21-25 credits)

CSCI 15000 - Discrete Structures

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
4 hrs (3 Lec. 1 Rec.)
4 cr.

CSCI 16000 - Computer Architecture I

GER
3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 12700, CSCI 15000
3 hrs
3 cr.

CSCI 23500 - Software Analysis and Design II

GER
3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.
prereq: CSCI 13500, 15000; MATH 15000
3 hrs
3 cr.
CSCI 26500 - Computer Theory I

GER 3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr.

CSCI 33500 - Software Analysis and Design III

GER 3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

prereq: CSCI 23500, MATH 15500
3 hrs
3 cr.

CSCI 34000 - Operating Systems

GER 3/B

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.

prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300
3 hrs
3 cr.

CSCI 43500 - Database Management

GER 3/B

Hierarchical and network databases; theory of relational databases; normalization theory; query languages.

prereq: CSCI 33500
3 hrs
3 cr.

CSCI 49369 - Big Data Technology

The increasing availability of big data has changed fundamental practices in business, health care, policy making, and scientific research. The primary objective of this course is to enable students to efficiently process, manage, reformulate, and mine an extremely large data set. This is an interdisciplinary course that considers data from many different sources. Students are welcome to work with their own interested domains in addition to the required ones.

prereq: CSCI 13500 and CSCI 23200 or CSCI43500, or permission of the instructor
B. Math and statistics component (9-17 credits)

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**  
Math/Quantitative Reasoning  
**GER**  
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs  
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**  
Math/Quantitative Reasoning  
**GER**  
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.  
*prereq: grade of C or better in MATH 15000*

4 hrs  
4 cr.

**MATH 16000 - Matrix Algebra**

**GER**  
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.  
*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*

3 hrs  
3 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**  
Math/Quantitative Reasoning  
**GER**  
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical
STAT 31900 - Bayesian Statistical Inference in the Sciences

**GER**
3/B


**prereq:** MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).

Prerequisites waived for students who have passed STAT 311.

Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs
3 cr

C. Biology component (12 credits)

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.

**spring only**

**BIOL 20300 - Molecular Biology and Genetics**

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce
bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

**prereq:** Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

**BIOl 42500 - Computational Molecular Biology**

**GER**
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of *in silico* biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

**prereq:** BIOL 30000 or BIOl 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

**D. Chemistry component (15 credits)**

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

**prereq or coreq:** MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200

coreq: CHEM 10400

6 hrs
3 cr.

**CHEM 22200 - Organic Chemistry Lecture I**

**GER**
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

*These courses may be counted for credit in more than one program.

**Degree Map**

Degree Map for Computer Science: Bioinformatics

**Minor in Computer Science**

A minor in Computer Science consists of 13-14 credits of coursework. These credits include the following required courses:

- CSCI 12700 - Introduction to Computer Science (STEM) (3 credits, 3 hours)
- CSCI 13300 - Programming for Everyone (3 credits, 3 hours)
- CSCI 23200 - Relational Databases and SQL Programming, with Lab (3 credits, 3 hours)
- CSCI 23300 - Programming Projects Seminar for Minors (1 credit, 2 hours)

In addition, students will be required to take at least one 3 credit elective selected from Computer Science offerings numbered 13500 or above. Although minors may take any Computer Science course numbered 13500 or above, courses that require only one or more of the above courses as prerequisites include:

- CSCI 13500 - Software Analysis and Design I (4 credits, 5 hours)
- CSCI 15000 - Discrete Structures (4 credits, 4 hours)
- CSCI 26700 - Microprocessors and Embedded Systems (3 credits, 3 hours)
Dance

Overview

The Hunter College Dance Department offers an opportunity to pursue a BA degree in dance with in the context of a strong liberal arts education. From a campus in the heart of New York City, the dance major or minor student has the unique opportunity of interfacing with many professional dance companies, choreographers and researchers who live and work in New York. The contemporary dance-based curriculum provides the student with the opportunities to pursue careers in performance, choreography, teaching, arts administration and production and is unique in its focus on individual creativity and reflection. All dance majors are required to choreograph, perform, and participate actively in the close-knit artistic community. The curriculum is enriched by community outreach performances, repertory classes with New York-based choreographers, guest artist workshops, and internship opportunities. Through our collaboration with Hunter's School of Education, students can also pursue BA or BA/MA degrees in Dance Education, leading to initial certification as a teacher in New York State.

What can I do with my degree in Dance?

Our curriculum provides students with a strong foundation that can lead to professional careers for performers, creators, scholars, educators, and arts advocates.

Programs and Courses

Programs and Courses in Dance

Dance Education Programs

Administration and Faculty

Chair:

Carol K. Walker (acting)
614 Thomas Hunter
212-772-5010

Department Office:

614 Thomas Hunter
(212) 772-5012
http://www.hunter.cuny.edu/~dance/
Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM

Faculty

Dance Faculty
Dance - BA

The BA in Dance at Hunter is open to all students who have been admitted to Hunter College. To be declared a BA Dance Major, students must be admitted into DAN 21500 Ballet 1 or DAN 21000 Contemporary Dance Technique I or higher as determined by placement audition open to all students. The student will meet with the adviser in the Dance Department as soon as they qualify for level 1 technique or higher and every semester thereafter. All Dance majors are required to earn 42 credits minimum in DAN courses and complete all requirements including:

- Be registered in at least one dance technique course every semester in order to remain a Dance major in good standing, unless granted exemption by the department;
- Perform in a minimum of 2 student choreographed pieces during their studies at Hunter College;
- Earn a C grade or better in all courses required for the major (grades below C will not count toward the major.)

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student’s advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement. In the case of the dance major, the courses that meet CCCR are:

DAN 10200 Dance in Culture
DAN 23200 Global Dance History

Courses Required for the Major (42-46 credits)

The BA Dance Degree Curriculum is divided into 4 areas of study:

1. Dance Technique and Performance (20-24 credits minimum)
2. Creative work: Improvisation, choreography, performance (11 credits)
3. Dance Studies (8 credits)
4. Electives (3 credits)

1. Dance Technique and Performance (20-24 credits)

- Must complete four credits minimum of any style at level I (or the appropriate level for the ability of the student as determined in the placement class) (4)
- Must complete four credits of dance technique any style in level 3.
- Must complete eight credits of dance technique any style at level I or higher (8)
- Must complete two credits of Repertory DAN 43200 (1) and DAN 43300 (1)
- Students who do not place into a dance technique level 1 class must take DAN 10100 Fundamentals of Contemporary Dance Technique and/or DAN 10500 Fundamentals of Ballet (0-3)
2. Creative Work (11 credits)

- DAN 12400 Production Crew (.5 x 2)*
- DAN 22100 Improvisation (1)
- DAN 22400 Stagecraft (1)
- DAN 32100 Composition I (2)
- DAN 42100 Composition II (2)
- DAN 42200 Dance Workshop (2)
- DAN 42400 Production (2)

*Please note that DAN 12400 Production Crew must be taken twice to complete the major.

3. Dance Studies (8 credits)

- DAN 21300 Basic Musicianship for Dancers (2)
- DAN 23200 Global Dance History (3)
- DAN 35000 Anatomy and Kinesiology for Dancers (3)

4. Electives (3 credits)*

Dance Technique Electives

- DAN 15100 Global Dance 1
- DAN 25100 Global Dance 2
- DAN 25200 Special Topics: Traditional Dance I
- DAN 35200 Special Topics: Traditional Dance II

Other Electives

- DAN 34200 Teaching Dance
- DAN 25500 Dance Pedagogy
- DAN 46100 Seminar in Dance
- DAN 48000 Independent Study in Dance
- DAN 49000 Honors in Dance
- DAN 49800 Internship

*Please note that DAN 12400 Production Crew must be taken twice to complete the major.

Note: All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Teacher Education Pathway

Students planning to teach this subject in grades PreK-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Degree Map for Dance BA
Degree Map for Dance

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate with a Dance major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

DAN 10100 - Fundamentals of Contemporary Dance Technique

GER
GER 2/D

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: N/A
4 hrs.
2 cr.

- HCR - Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- HCR - Life and Physical Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq: ENGL 12000**

*3 hrs + one additional conference hour*

*3 cr.*

**DAN 10100 - Fundamentals of Contemporary Dance Technique**

**GER**

**GER 2/D**

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**prereq: N/A**

*4 hrs.*

*2 cr.*

**DAN 10500 - Fundamentals of Ballet**

Introduction to fundamental skills and nomenclature of ballet. May be taken three times for credit with permission of the department.

*4 hrs*

*2 cr.*

- **HCR - US Experience in its Diversity**
- **Foreign Language - Elementary Level II**
- **ELECTIVE**

**Sophomore Year**

**Fall**

**DAN 21000 - Contemporary Dance Technique I**

**GER**

**3/A**

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.

**prereq: DAN 10100, perm dept., placement class**

*4 hrs*

*2 cr.*
**DAN 21300 - Basic Musicianship for Dancers**

**GER**
3/A

Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

*prereq: DAN 21000*

3 hrs
2 cr.

**DAN 22100 - Improvisation**

**GER**
3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.

*prereq: Declaration of Dance Major or Dance Minor*

4 hrs
1 cr.

- Foreign Language - Intermediate Level I
- HCR - Life and Physical Sciences
- HCR - Individual and Society: Social Sciences

**Spring**

**DAN 21500 - Ballet 1**

**GER**
3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

*prereq: permission of department*

4 hrs
2 cr.

**DAN 21000 - Contemporary Dance Technique I**

**GER**
3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs
2 cr.

DAN 23200 - Global Dance History

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: N/A
3 hrs.
3 cr.

DAN 15100 - Global Dance 1

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.

2 hrs
1 cr.
- Foreign Language - Intermediate Level II
- DAN - Elective

Junior Year

Fall

DAN 22000 - Contemporary Dance Technique II

GER
3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

prereq: DAN 21000, perm dept, or placement class
4 hrs
2 cr.

DAN 21500 - Ballet 1
GER
3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

prereq: permission of department
4 hrs
2 cr.

DAN 32100 - Composition I

Pluralism and Diversity
GER 3/A
Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.

prereq: DAN 22100, permission of dept.
4 hrs, 2 hrs open studio
2 cr.

DAN 22400 - Stagecraft

GER
3/A

This course focuses on the practical experience of dance production, including work backstage and other aspects of production. May be taken twice for credit with permission of the department.

prereq: perm dept.
3 hrs, 3 hrs open studio
1 cr.

DAN 35000 - Anatomy and Kinesiology for Dancers

GER
3/A

Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.

prereq or coreq: any course in DAN
3 hrs
3 cr.

- HCR - Concentrated Study

Spring

DAN 22000 - Contemporary Dance Technique II
Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

**prereq:** DAN 21000, perm dept, or placement class

4 hrs

2 cr.

**GER**

**DAN 22500 - Ballet 2**

Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.

**prereq:** permission of department

4 hrs

2 cr.

**GER**

**DAN 42200 - Dance Workshop**

This advanced composition course provides a structure for continued choreographic practice leading to public performance. The course concentrates on development of individual artistic voice, refining effective rehearsal practices, and seeing a choreographic project to completion in terms of thematic material, methodology, visual design, and production best practices. May be taken twice for credit with permission of the department.

**prereq or coreq:** DAN 42100

4 hrs

2 cr.

**GER**

**DAN 44000 - Lecture/Demonstration Touring Group**

Performance of prescribed choreography in lecture/ demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin. May be taken two times for credit with permission of the department.

**prereq:** permission of dept.
Senior Year

Fall

DAN 31000 - Contemporary Dance Technique III

Pluralism and Diversity
GER 3/A
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.

prereq: DAN 22000, or perm. depart.

4 hrs
2 cr.

DAN 41000 - Contemporary Dance Technique 4

Pluralism and Diversity
GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken three times for credit with permission of the department.

prereq: permission of department

4 hrs
2 cr.

DAN 22500 - Ballet 2

GER
3/A
Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.

prereq: permission of department

4 hrs
2 cr.

DAN 49800 - Internship

GER
3/A
Open to dance majors with 15 credits in dance from Hunter.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**prereq:** DAN 32400

**hrs TBA**

3-6 cr.

- DAN - Elective
- ELECTIVE

### Spring

**DAN 31000 - Contemporary Dance Technique III**

**Pluralism and Diversity**

**GER 3/A**

Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.

**prereq:** DAN 22000, or perm. depart.

**4 hrs**

2 cr.

**DAN 41000 - Contemporary Dance Technique 4**

**Pluralism and Diversity**

**GER 3/A**

Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken three times for credit with permission of the department.

**prereq:** permission of department

**4 hrs**

2 cr.

**DAN 46100 - Seminar in Dance**

**GER**

**3/A**

Survey of dance careers, grant writing, arts administration, resume writing and relevant topics related to the socio-political climate of our times in relation to art.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**prereq:** DAN 31000, DAN 32100

**3 hrs**

3 cr.

- ELECTIVE
- ELECTIVE

### Minor in Dance
The Hunter College Dance Program Minor in Dance (a minimum of 16 required credits) is designed to allow students to pursue a variety of interests in the field, from performance and creative work to analysis, production and pedagogy.

Required courses (a minimum of 16 credits total)

The following 2 courses must be taken prior to declaration of the minor:

**DAN 10100 - Fundamentals of Contemporary Dance Technique**

**GER**

**GER 2/D**

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

*prereq: N/A*

4 hrs.

2 cr.

**DAN 10200 - Dance in Culture**

**Hunter Core**

Creative Expression (CE)

**GER**

**GER 2/D**

Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

3 hrs.

3 cr.

Additional required courses

**DAN 21000 - Contemporary Dance Technique I**

**GER**

3/A

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.

*prereq: DAN 10100, perm dept., placement class*

4 hrs

2 cr.

**DAN 22100 - Improvisation**
GER 3/A

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.

_prereq: Declaration of Dance Major or Dance Minor_

_4 hrs
_1 cr._

1 additional dance technique course, selected from the following:

**DAN 10500 - Fundamentals of Ballet**

Introduction to fundamental skills and nomenclature of ballet. May be taken three times for credit with permission of the department.

_4 hrs
_2 cr._

**DAN 15100 - Global Dance 1**

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.

_2 hrs
_1 cr._

**DAN 22000 - Contemporary Dance Technique II**

GER 3/A

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

_prereq: DAN 21000, perm dept, or placement class_

_4 hrs
_2 cr._

**DAN 21500 - Ballet 1**

GER 3/A

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

_prereq: permission of department_
DAN 25200 - Special Topics: Traditional Dance I

Pluralism and Diversity
GER 3/A PD/A
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

This course only partially fulfills the electives requirement for the Dance BA degree.

prereq: placement class
4 hrs
2 cr.

DAN 31000 - Contemporary Dance Technique III

Pluralism and Diversity
GER 3/A
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.

prereq: DAN 22000, or perm. depart.
4 hrs
2 cr.

DAN 41000 - Contemporary Dance Technique 4

Pluralism and Diversity
GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken three times for credit with permission of the department.

prereq: permission of department
4 hrs
2 cr.

DAN 22500 - Ballet 2

GER
3/A
Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.

prereq: permission of department
4 hrs
2 cr.

DAN 35200 - Special Topics: Traditional Dance II
Pluralism and Diversity
PD/A
GER
3/A

Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices. Topics vary. May be taken twice for credit with permission of department.

*prereq: DAN 25200, perm dept.*

4 hrs
2 cr.

Choose 1 additional dance technique course from the following courses

A minimum of 6 additional credits in dance

A minimum of 6 additional credits in Dance (choices must be approved by Dance Faculty Adviser):

Any DAN course at the 200 level or above (At least one of these must be a 3-credit course)

Participation on one production crew

Participation on one production crew team for a fully produced dance program concert

Note:

Placement in technique courses above the Fundamentals level is by placement class, the first day of class review, recommendation of instructor, or department permission. Repeated courses may not be counted in these requirements.

Economics

Overview

The department has two undergraduate programs, a BA in Economics and a BS in Accounting, as well as a BA/MA in Economics. All three programs equip students with analytic tools that can be applied in many different careers in both the private and public sectors.

Economics

Economics students become problem solvers. They learn to analyze a situation, figure out what is important and determine what can be abstracted away. The economics curriculum stresses the development of general problem-solving skills: finding, gathering and interpreting information; predicting the consequences of decisions; evaluating alternative courses of action; and analyzing the management of resources in both the public and private sectors. At the same time, economics students learn about the institutions and rules that shape daily life — the monetary system, the stock and bond markets and the regulatory system that mandates warning labels on cigarette packs and seat belts in automobiles.
What can I do with an Economics Degree?

While an undergraduate major in economics does not define the career a graduate may ultimately lead, it provides students with a point of view and a set of skills that will be useful in almost any path taken after graduation. A major in economics is especially valuable for those who plan careers in finance, management, law, journalism, or public policy. Many professional economists also enter government at the federal, state, or local level, either in research or policy-making positions. Still others are involved in teaching and research in colleges and universities.

Accounting

Accountants specialize in measuring, reporting and interpreting the financial aspects and transactions of businesses, governments, non-profits and other institutions. Accounting provides the information necessary to determine and evaluate both present and projected economic activities of organizations. Professional accountants develop and apply their skills in auditing, taxation, management policy, information systems, computer operations and many other areas.

What can I do with an Accounting Degree?

Nearly half of all accounting graduates are employed by public accounting firms. Others work for private firms, engage in research and consulting, practice in the government sector or with non-profit entities, or continue their education on the graduate level.

Programs and Courses

Programs and Courses in Economics

Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

Internships

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the department, to identify internship opportunities.

Administration and Faculty

Chair:
Partha Deb
1529 West
212-772-5435
ecochair@hunter.cuny.edu

Director of Accounting Program:

Wei Yu
1549A West
212-772-5395
wy109@hunter.cuny.edu

Director of the Certificate in Business Studies

Arabella Pollack
1531 West
212 772-5404
ap5472@hunter.cuny.edu

Department Office:

Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM

Karol Trochez
1524 West
212-772-5400
ecooffice@hunter.cuny.edu

Website: http://econ.hunter.cuny.edu

Faculty

Economics and Accounting

HEGIS Codes: 2204 (Economics), 0502 (Accounting)

Accounting-BS

The degree of bachelor of science (accounting) offered at Hunter College fulfills educational requirements for the CPA examination in New York State. Candidates pursuing licensure in New York State will need to complete 150 college credits including ACCP 49000 - Accounting & Auditing Research. An appropriate masters degree, while not required, is another path to licensure. For information on the MS in Accounting at Hunter College, see the Hunter College Graduate Catalog. All students contemplating a career in accounting should request an interview with the accounting program adviser during the lower freshman term. To assure completion of the BS (accounting) degree within four years, a full-time student should begin the accounting major sequence in the upper freshman term, if possible, and no later than the lower sophomore term, by registering for ACC 27100.

Hunter Core Requirement
Note: Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the accounting major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 12500 (STEM)</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>MATH 15000 (STEM)</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>ECO 20000</td>
<td>Scientific World</td>
</tr>
<tr>
<td>ECO 20100</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
</tbody>
</table>

*Please note that no more than two courses from any one department will count for the CUNY Common Core.*

**Accounting Major**

The Department of Economics offers a major leading to the BS in accounting, requiring a minimum of 35 credits of accounting, 36 credits of other professional studies and an additional 3-13 credits of non-professional studies. Details are outlined below.

**Progression in the Major**

All courses that are prerequisites to courses required by the BS Program in Accounting must be passed with a grade of C, or CR, or better before students may progress to the next course in the sequence and in order to graduate. ECO 22100 is required for the major and must be completed with a grade of C, CR or better to be accepted for credit toward fulfillment of the major.

**Courses Required for the Major (74-84 credits)**

**Non-professional Studies (3 -13 cr)**

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)
3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.
prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

-and-

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

-or-

MATH 15200 (STEM) - Calculus for Life and Social Sciences
Limits, continuity and the derivative. The power rule, product and quotient rules, the chain rule, and implicit differentiation. The Mean Value Theorem and the Intermediate Value Theorem. Curve sketching and optimization, and linear approximation. Riemann integral and the Fundamental Theorem of Calculus. Various applications to economics, life sciences, and physical sciences. Students will not be allowed to obtain credit for both MATH 15200 and MATH 15000 (STEM). Students planning on taking more than one semester of calculus should take MATH 15000 (STEM) instead.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, and coreq MATH 14000; or appropriate score on placement exam.*

Not open to students who have taken MATH 15000.

4 hrs

4 cr.

**Note**

Note: ECO 22000 Techniques of Economic Analysis may also be used to fulfill the calculus requirement.

**IMPORTANT:** Students who wish to take higher levels of Calculus are advised to take MATH 15000 (STEM) to satisfy the calculus requirement.

**Additional Information**

Majors are advised to complete MATH 15000 (STEM) (or MATH 15200 (STEM)) and ECO 22100 within their first 75 credits of college work. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the requirement of any of the above or other courses upon satisfactory proof of course equivalency. Courses waived through substitution or examination do not provide course credit nor do they count toward the major.

Students may place out of MATH 10100, MATH 101EN, MATH 10150, MATH 12400 (STEM), MATH 12500 (STEM), MATH 12550 (STEM), MATH 14000 and MATH 12500 (STEM) requirements without replacing the credits. See the Department of Mathematics and Statistics for details. Students may place out of MATH 15000 (STEM) or MATH 15200 (STEM) but must replace the course with a 3 credit course approved by the Accounting Program.

**Professional Studies (71 cr)**

**Accounting (35 cr)**

**ACC 27100 - Accounting I**

Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.

*prereq: upper freshman standing*

3 hrs

3 cr.

**ACC 27200 - Accounting II**

Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.

*effective term spring 2016*

*prereq: ACC 27100 with a grade of C or better*
ACCP 37100 - Intermediate Accounting I

In-depth study of current concepts relating to accounting for assets and current liabilities.

*effective term spring 2016*

*prereq: ACC 27100 and ACC 27200 all with a grade of C or better.*

3 hrs

3 cr.

ACCP 37200 - Intermediate Accounting II

Long-term liabilities, investments, revenue recognition; shareholders' equity, dilutive securities and earnings per share, income taxes, pensions, leases.

*effective term spring 2016*

*prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better.*

4 hrs

4 cr.

ACCP 37300 - Federal Income Taxation

Principles of federal income taxation and the impact of taxes on individuals.

*effective term spring 2016*

*prereq: Prereq: ACC 27100 and ACC 27200 and ACCP 37100, all with a grade of C or better*

3 hrs

3 cr.

ACCP 37400 - Managerial Accounting (Cost Accounting)

Accumulation, analysis, presentation and use of cost data by management; budgets.

*effective term spring 2016*

*prereq: Prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better*

3 hrs

3 cr.

ACCP 47100 - Advanced Accounting I


*effective term spring 2016*

*prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better*

3 hrs

3 cr.

ACCP 47200 - Advanced Accounting II
Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy.

effective term spring 2016

prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better

3 hrs
3 cr.

ACCP 47300 - Business Taxes

Federal income taxation of partnerships and corporations; other special tax issues.

effective term spring 2016

prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 and ACCP 37300 all with a grade of C or better

3 hrs
3 cr.

ACCP 47500 - Auditing

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.

prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better

prereq or coreq: ACCP 47100 with a grade of C or better

4 hrs
4 cr.

ACCP 49000 - Accounting & Auditing Research

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.

prereq: ECO 22100 with a grade of C or CR or better or STAT 21300 with a grade of C or CR or better and ACC 27100, ACC 27200, ACCP 37100, and ACCP 37200 all with a grade of C or better.

prereq or coreq: ACCP 47500

3 hrs
3 cr.

Grade Options

Accounting majors may not use CR/NC grades for any of the 35 accounting credits in the accounting major.

Additional Information

An overall Grade Point Average of at least 2.5 must be maintained in these 35 Accounting credits. Students who receive a grade of "D" or lower in any of the eleven required Accounting courses in the Professional Studies Requirement will be allowed to repeat the course only once. In total, students may repeat no more than three Accounting courses for which they received a grade of "D" or lower. Students who exceed this allowed number of course repeats will be dismissed from the BS program in Accounting. The Academic Adviser for the BS program in Accounting may, under extraordinary circumstances, make exceptions to this rule.

Other Professional Studies (36 cr)
Business Law (6 cr)

**ACC 28000 - Business Law I**

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.

*prereq: sophomore standing or perm chair*

3 hrs

3 cr.

**ACCP 38000 - Business Law II**

Legal aspects of business organizations; agency, partnership and corporate relationships.

*prereq: ACC 28000 with a grade of C, or CR, or better*

3 hrs

3 cr.

Statistics (3 cr)

**ECO 22100 - Economic Statistics**

**Hunter Core**

Mathematics and Quantitative Reasoning

**GER**

1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

*prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500*

3 hr lecture or 2 hr lecture/1 hr discussion

3 cr.

Note: STAT 21300 (STEM) Introduction to Applied Statistics may also be used to fulfill this requirement.

**Additional Information:** For students already at or beyond this point when they become majors, the course should be taken within the first 12 credits following declaration of the major.

Finance (6 cr)

Required: ECO 36500 Corporate Finance and one additional course from the following:

**ECO 21000 - Money and Banking**

**GER**

3/B

Monetary and banking principles and practice; current issues; theory and policy.

*prereq: ECO 20000, 20100*

3 hrs

3 cr.

**ECO 36600 - Security and Investment Analysis**
GER 3/B

Operation of the stock market; security analysis and evaluation; economic variables influencing security values.

**prereq:** ECO 36500
3 hrs
3 cr.

**ACCP 36700 - Analysis of Financial Statements**

GER 3/B

Analysis, interpretation, and use of financial statements.

*note:* This course does not count as an elective towards the Economics major.

**prereq:** ECO 37200 and ECO 36500 or adviser's permission
3 hrs
3 cr.

**Business Core-Required (12 cr)**

**ECO 10000 - Introduction to Economics**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS
GER 2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.
ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

**prereq:** Math/Writing Proficient/Non degree students
3 hrs
3 cr.

**ECO 20000 - Principles of Microeconomics**

GER 2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.
May be taken prior to or concurrently with ECO 20100.

**prereq:** Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or
12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000
3 hrs
3 cr.

**ECO 20100 - Principles of Macroeconomics**

GER
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy. May be taken prior to or concurrently with ECO 20000.

*prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000
3 hrs
3 cr.*

**ACCP 47600 - Computer Accounting Systems**


*prereq: ACC 27100 and ACC 27200, both with a grade of C or better, and declaration as an accounting major
3 hrs
3 cr.*

**Business electives (9 cr)**

Choose from the following:

- ECO 26000 - Business Organization and Management (offered prior to Spring 2019); course is now ECO 35900 Economics of Business Organization and Management
- Any 300- or 400-level ACCP or ECO course (excluding ECO 49700 and ECO 49800; Note: ECO 35900 Economics of Business Organization and Management and ACCP 48000 Business Law III are strongly recommended)

**Note:**

1. Students may not use any course to fulfill the business elective requirement that is also being used to satisfy any other requirement of the Accounting major.
2. Students may not use both ECO 26000 and ECO 35900 to fulfill this requirement.

**Additional Information**

An overall average of at least "C+" (2.3 Grade Point Average) must be maintained in these 36 credits of Other Professional Studies (Business Law, Statistics, Finance, Business Core, and Business Elective). This requirement is separate and measured independently of the required 2.5 GPA for the 35 Accounting credits.

**Note:** There is no minimum required Grade Point Average for the three to thirteen Non-professional Studies credits.

Students enrolled in the BS (accounting) curriculum may use a CR/NC grade only one time toward the 36 credits in the Other Professional Studies requirement. If a student exceeds this limit, any additional CR grades in these 36 credits will be converted to a grade of C and any additional NC grades in these 36 credits will be converted to a grade of F.
Interdepartmental Fields

Students may take courses in economics as part of an interdepartmental program of study in Latin American and Caribbean studies, environmental studies (geography), women’s and gender studies and Jewish studies. Listings in each area discuss recommended courses.

Internships

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

ECO 49900 - Honors Project

Jr/Sr only. Supervised individual research and directed reading. Honors essay. 
prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair
3 hrs
3 cr.

Degree Map

Degree Map for Accounting

Business Studies Certificate

The Certificate in Business Studies, a 15-credit program housed in the Economics department, consists of courses drawn from several departments. While the best foundation for any career is a liberal arts education, many students want to supplement their liberal arts education with business-specific skills and a credential signaling those skills to potential employers. We rely on businesses in New York City for work opportunities for students, and on the Cooperman Pre-Business Center for coordination of internships and workshops in business skills.

Eligibility

1. Full-time students currently enrolled at Hunter College who have earned 25-95 credits. A minimum of 1/3 of these credits must have been earned at Hunter College. Graduate students and individuals with advanced degrees are not eligible to apply. Successful applicants will show evidence of the following:
   - Academic excellence and a minimum 3.2 cumulative GPA
   - Demonstrated interest in business
Required prerequisite course ECO 10000

Students selected for the Program must maintain a minimum overall GPA of 3.0.

Note: BA/MA candidates are in fact undergraduates, and therefore eligible.

Application

1. An electronic copy of their resumé, highlighting extra-curricular activities and interests
2. An electronic copy of their official transcript
3. One essay of 650 words or fewer, answering the following three questions:
   o What are you doing today that demonstrates your interest in business?
   o What are your professional aspirations upon graduating Hunter?
   o How will participating in the Business Studies Certificate help you achieve these goals?
4. Based on written applications, select students may be invited to interview with the Business Certificate Admissions Committee. The Admissions Committee will select applicants subject to available resources. We expect to limit enrollment to 30 students per year, at least initially.

Curriculum

The certificate program will include three required 3-credit courses, plus one elective drawn from existing courses at the college and a 3-credit internship with an associated capstone course.

Required Courses

**ECO 10000 - Introduction to Economics**

*Hunter Core*
*Individual and Society (Social Sciences) - I&S SS*
*GER*
*2/B*

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.

ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

*prereq: Math/Writing Proficient/Non degree students*

*3 hrs*

*3 cr.*

**BUS 22500 - Survey of Accounting**

An introductory accounting survey course designed specifically for non-majors to gain understanding of business terminology and the role of accounting in business environment. It will specifically focus on providing students with the ability to understand and effectively analyze financial information using the financial statements of a company (as an external user), as well as internal company information that will enhance business decision-making process such as budgeting (as an internal user), combining both financial and managerial accounting areas. It will also briefly introduce the basics of non-profit accounting while highlighting differences between for-profit and non-profit accounting information needs and presentations. For non-accounting majors only.

Course is used in the Hunter Business Certificate and in the Hunter Arts Management Certificate.
prereq: Not open to undergraduate Accounting majors.
3 hrs.
3 cr.

BUS 26100 - Introduction to Entrepreneurship

Business enterprise fundamentals through the lens of a new business; identifying market opportunities to meet consumer need and create economic value in a new way; methods to convert an opportunity into a viable new business. Does not count toward the Economics and Accounting majors.

Course is used in the Hunter Business Certificate.
prereq: Open only to upper sophomores.

ECO 22100 or MATH 10000 or MATH 10200 or MATH 10400 or MATH 12500 or MATH 15000 or MATH 15500 or STAT 11300 or STAT 21200 or STAT 21300.
3 hrs.
3 cr.

BUS 49700 - Business Studies Capstone and Internship

The capstone experience for the Business Certificate is an internship in which students will do meaningful work and have opportunities to learn about the broader organization in order to develop an overview of the business and its challenges. The Internship seminar is designed to help students reflect on their collective experiences and gain a more global perspective on multiple businesses, their goals, and their role in helping to achieve those goals. Does not count for economics or accounting majors. Permission based on fulfillment of all other certificate course requirements and having a qualifying (96 hours or more over 15 weeks) internship or job in place.
Course is used in the Hunter Business Certificate.
prereq: Department permission required.
3 hrs.
3 cr.

Elective

Students choose one course from the following courses:

Technology and Data

CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.
3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

CSCI 13300 - Programming for Everyone

Hunter Core
Scientific World (SW)
GER
2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs
3 cr.

ECO 22100 - Economic Statistics

Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3 hr lecture or 2 hr lecture/1 hr discussion
3 cr.

POLSC 20600 - Research Design in Political Science (W)

GER
3/B

Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.
prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent
3 hrs
3 cr.

SOC 24100 - Social Statistics

GER
3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.
prereq: SOC 10100
3 hrs
3 cr.
STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

Prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam

3 hrs

3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

Prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs

3 cr.

URBS 31100 - Quantitative Approaches to Urban Analysis

GER
3/B

A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.

Prereq: Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.

3 hrs

3 cr.

Marketing and Communication

MEDPL 20100 - Reporting and Writing I (W)

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

Prereq or coreq: MEDIA 18000
MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.

prereq: MEDP/FILMP 15000
3 hrs
3 cr.

PSYCH 33200 - Attitudes and Persuasion

This course reviews basic theory and research applications on attitudes and attitude change processes, including how attitudes are measured, used to predict behavior, and, to persuade individuals.
prereq: ENGL 12000; PSYCH 24900 or 25000; and PSYCH 21000 - or - 23000
3 hrs
3 cr.

SOC 31300 - Consumer Behavior

GER
3/B

Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.
prereq: SOC 10100
3 hrs
3 cr.

Management and Organizations

ECO 35900 - Economics of Business Organization and Management

GER
3/B

The economic theory of the firm, including the formal analysis of incentives and contracts. Particular focus on how the internal organization of the firm can mitigate the negative effects of conflicts of interest between different stakeholders in the firm.
prereq: ECO 20000 with a grade of C, CR or better
3 hrs
3 cr.

PSYCH 34000 - Industrial and Organizational Psychology

GER
3/B

A review of research and theories on the effects of leadership, human relations, motivation and organizational
structures on behavior in business and industrial settings; applications of personnel psychology, motivational psychology and human factors engineering in the work place; job analysis, employee selection, leadership, performance appraisal, power and authority, work motivation and organizational communication.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000, PSYCH 24900 or 25000
3 hrs
3 cr.

BUS 23000 - Essentials of Business Law

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable instruments, secured transactions and bankruptcy, business entities. For non-accounting majors only.

Course is used in the Hunter Arts Management Certificate and is an elective in the Hunter Business Certificate.

prereq: Not open to undergraduate Accounting majors.
3 hrs.
3 cr.

Degree Map for Economics

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Economics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs
4 cr.

ECO 20000 - Principles of Microeconomics

GER
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets. May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.

- Foreign Language Elementary Level 1
- US Experience in its Diversity

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour
3 cr.
MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

ECO 20100 - Principles of Macroeconomics

GER
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.
May be taken prior to or concurrently with ECO 20000.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 15000 or 15200 or 15500 and ECO 10000
3 hrs
3 cr.

- Foreign Language Elementary Level 2
- Creative Expression

Sophomore Year

Fall

ECO 22100 - Economic Statistics

Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3hr lecture or 2hr lecture/1 hr discussion
3 cr.

- ECO 200, 300, or 400 Level Elective
- Foreign Language Intermediate Level 3
- Individual and Society/ Humanities
- Elective
Spring

ECO 30000 - Intermediate Microeconomics

GER
3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.

prereq: ECO 20000, 20100 and MATH 15000 or MATH 15200
3 hrs
3 cr.

• World Cultures & Global Issues
• Foreign Language Intermediate Level 4
• Life and Physical Sciences
• Elective

Junior Year

Fall

ECO 30100 - Intermediate Macroeconomics

GER
3/B

Growth, employment and prices in the short and long run; monetary and fiscal policy.

prereq: ECO 20000, 20100, MATH 15000 or MATH 15200
3 hrs
3 cr.

• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective

Spring

ECO 32100 - Introduction to Econometrics

GER
3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.

prereq: ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 15500 or MATH 25500
3 hrs
3 cr.

• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective

Senior Year

Fall

• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Spring

• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Notes:

• Students placing into MATH 101 or 101EN can still complete the major in four years – sequencing will be shifted by one semester.
• Majors are advised to complete MATH 15000 (STEM) and ECO 22100 within their first 75 credits of college work and ECO 30000 or ECO 30100 within their first 90 credits. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major.
• The remaining 12 credits needed to complete the 30-credit major shall be satisfied by other economics courses offered by the department. No courses in accounting or business law may be credited toward the economics major. No more than 3 credits may be at the 100-level (note: ECO 10000, ECO 19600, and ECO 29600 cannot be counted.)
• Economics majors may find both the minor and the Certificate Program in Public Policy of particular interest.
• The department strongly urges economics majors who plan to go on to graduate or professional school to choose letter grades rather than CR/NC.
• For motivated students, the department offers the opportunity to complete both the BA and MA degrees simultaneously, where 30 of the 120 credits required for graduation are graduate credits. Please see the Accelerated BA/MA Economics Degree Map.

Economics - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count
toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses/CUNY Common Core Requirement

- MATH 12500 (STEM) Precalculus Math & Quantitative Reasoning (MQR)
- MATH 15000 (STEM) Calculus I Math & Quantitative Reasoning (MQR)
- MATH 15200 (STEM) Calculus for Life and Social Sciences Math & Quantitative Reasoning (MQR)
- ECO 10000 Introduction to Economics Individual & Society
- ECO 20000 Principles of Microeconomics Scientific World
- ECO 22100 Economic Statistics Math & Quantitative Reasoning (MQR)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Majors

The Department of Economics offers two Economics majors. The first, discussed below, is the Economics - BA, requiring a minimum of 33 credits. In addition, for motivated students, the department offers the opportunity to complete both the BA and MA degrees simultaneously, where 30 of the 126 credits required for graduation are graduate credits. Students interested in this option should click this link: Economics -BA/MA

Grade Options

The department strongly urges economics majors who plan to go on to graduate or professional school to choose letter grades rather than CR/NC.

Courses Required for the Major (33- 46 credits)

Students may place out of MATH 10100/MATH 101EN, MATH 10150, MATH 12400 (STEM)/MATH 12500 (STEM)/MATH 12550 (STEM), MATH 14000, MATH 15000 (STEM)/MATH 15200 (STEM) and MATH 15500 (STEM) requirements without replacing the credits. See the Mathematics and Statistics department for details.

Students majoring in economics must take:

A. Math Sequence (0-13 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

_prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary
MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

(MATH 15000 (STEM) or MATH 15200 (STEM) must be completed with a grade of C, or better to be accepted for credit towards the major. MATH 15000 (STEM) is preferred for students who will take additional MATH courses.)

B. Required Economics Courses (21 credits)
**ECO 10000 - Introduction to Economics**

Hunter Core  
Individual and Society (Social Sciences) - I&S SS  
GER  
2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.  
ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

*prereq: Math/Writing Proficient/Non degree students*  
3 hrs  
3 cr.

**ECO 20000 - Principles of Microeconomics**

GER  
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.  
May be taken prior to or concurrently with ECO 20100.

*prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000*  
3 hrs  
3 cr.

**ECO 20100 - Principles of Macroeconomics**

GER  
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.  
May be taken prior to or concurrently with ECO 20000.

*prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000*  
3 hrs  
3 cr.

**ECO 22100 - Economic Statistics**

Hunter Core  
Mathematics and Quantitative Reasoning
Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

**prereq:** Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500

3 hr lecture or 2 hr lecture/1 hr discussion

3 cr.

**ECO 30000 - Intermediate Microeconomics**

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.

**prereq:** ECO 20000, 20100 and MATH 15000 or MATH 15200

3 hrs

3 cr.

**ECO 30100 - Intermediate Macroeconomics**

Growth, employment and prices in the short and long run; monetary and fiscal policy.

**prereq:** ECO 20000, 20100, MATH 15000 or MATH 15200

3 hrs

3 cr.

**ECO 32100 - Introduction to Econometrics**

Linear and non-linear regression models in economics; statistical methods for estimation and inference.

**prereq:** ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 15500 or MATH 25500

3 hrs

3 cr.

**Notes:**

1. *must be completed with a grade of C or better to be accepted for credit towards the major.
2. **must be completed with a grade of C, CR or better to be accepted for credit towards the major and to serve as prerequisites for other courses in the major.

**C. Elective courses**

The remaining 12 credits needed to complete the 30-credit major shall be satisfied by other economics courses offered by the department. No courses in accounting or business law may be credited toward the economics major. No more
than 3 credits in elective courses may be at the 100-level. Students may take an optional capstone experience as part of their electives.

- ECO 49600 Honors Seminar in Economics
- ECO 49900 Honors Project
- ECO 40000 Senior Seminar: The big (economics) picture and getting ready for life after college

**Note**

*These courses may be counted for credit in more than one program. Students planning on taking more than one semester of calculus should take MATH 15000 (STEM) rather than MATH 15200 (STEM).

**Additional Information**

Majors are advised to complete MATH 15000 (STEM)/MATH 15200 (STEM) and ECO 22100 within their first 75 credits of college work and ECO 30000 or ECO 30100 within their first 90 credits. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the requirement of any of the above or other courses upon satisfactory proof of course equivalency. Credits from courses waived through substitution or examination do not count toward the major.

The following courses may not be counted toward the major: ECO 19600, ECO 29600, BUS 26100, BUS 49700.

**Interdepartmental Fields**

Students with majors in other departments may take courses in economics as part of an interdepartmental program of study in public policy, Latin American and Caribbean studies, environmental studies (geography), women’s and gender studies and Jewish social studies. Listings in each area discuss recommended courses.

**Internships**

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

**Honors**

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

**ECO 49900 - Honors Project**

Jr/Sr only. Supervised individual research and directed reading. Honors essay.

*prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair*
Public Policy

Economics majors may find both the minor and the Certificate Program in Public Policy Certificate of particular interest.

Degree Map

Degree Map for Economics

**Economics - BA/MA**

The Department of Economics offers promising students the opportunity to complete both the BA and MA degrees within 120 credits, 30 of which must be at the graduate level. Students who wish to declare the BA/MA major must have a 3.0 average in Economics and in the cumulative index.

- Economics - BA
- Economics - MA

A minimum grade of B in the following, or their equivalents

**ECO 30000 - Intermediate Microeconomics**

**GER**

3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.

*prereq: ECO 20000, 20100 and MATH 15000 or MATH 15200*

3 hrs

3 cr.

**ECO 32100 - Introduction to Econometrics**

**GER**

3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.

*prereq: ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 15500 or MATH 25500*

3 hrs

3 cr.

A minimum grade of C in the following, or their equivalents

**MATH 15000 (STEM) - Calculus I**
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better; AND coreq MATH 14000; or the appropriate score on a mathematics placement test.  
4 hrs  
4 cr.

Continuing in the program is contingent upon maintaining a 3.0 GPA in economics and the cumulative index and receiving

A minimum grade of B in

**ECO 30100 - Intermediate Macroeconomics**

**GER**  
3/B

Growth, employment and prices in the short and long run; monetary and fiscal policy.  
prereq: ECO 20000, 20100, MATH 15000 or MATH 15200  
3 hrs  
3 cr.

An average grade of B in

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**  
Math/Quantitative Reasoning  
**GER**  
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better; AND coreq MATH 14000; or the appropriate score on a mathematics placement test.  
4 hrs  
4 cr.

**MATH 16000 - Matrix Algebra**

**GER**  
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.  
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam  
3 hrs  
3 cr.
All students in the BA/MA program must complete the following, or their equivalents, as well as the courses listed above

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*

4 hrs
4 cr.

**MATH 16000 - Matrix Algebra**

**GER**
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*

3 hrs
3 cr.

**Additional Information**

An undergraduate major in economics is normally required. Thomas Hunter Honors Program students may be admitted without declaring an undergraduate economics major, provided that the above courses are completed. To apply, see the graduate adviser.

**Honors**

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

Note: Students enrolled in the BA/MA program may substitute enrollment in ECO 798 and an MA thesis for ECO 49900 and the Honors paper.

- ECO 49900 Honors Project

**Please note:**

*Modifications in these programs are awaiting approval by CUNY and NY State. Please consult the department for details.*
Minor in Accounting

A minor in accounting is available. These courses may be used for CPLicensure in New York State, but represent only 15 of the 69 credits required.

The Minor consists of 15 credits

with the following required courses:

- ACC 27100 - Accounting I
- ACC 27200 - Accounting II

and Three of the following courses for the Financial Accounting Track 1

- ACCP 37100 - Intermediate Accounting I
- ACCP 37200 - Intermediate Accounting II
- ACCP 37400 - Managerial Accounting (Cost Accounting)
- ACCP 47100 - Advanced Accounting I

or Three of the following courses for the Law and Taxation Track 2 (ACCP 37300 strongly recommended)

- ACC 28000 - Business Law I
- ACCP 37300 - Federal Income Taxation
- ACCP 38000 - Business Law II
- ACCP 47300 - Business Taxes
- ACCP 48000 - Business Law III

Minor in Economics

The economics minor consists of a minimum of 12 credits, including ECO 20000 - Principles of Microeconomics, ECO 20100 - Principles of Macroeconomics and two other courses in economics. Accounting and business law courses do not count towards the economics minor.

English

Overview

The Department of English offers students a variety of courses in the study of literature, literary theory, composition, rhetoric, linguistics and creative writing. The department is interdisciplinary in its offerings, with a diverse faculty whose areas of research and approaches to teaching offer Hunter students a wide spectrum of historical, post-modern, theoretical, textual, and socio-cultural approaches to literary study, rhetoric and composition, linguistics and language, and creative writing. The department encourages disciplined, original thinking and writing while its small classes promote learning through stimulating discussions.

Introductory and intermediate courses present a wide range of literary forms, periods and genres. Students who major in English choose one of five concentrations: Literatures, Language and Criticism; Creative Writing; Adolescent Education (a concentration designed for prospective high school teachers), English Language Arts and Linguistics and
Rhetoric. Qualified students may enroll in honors seminars and tutorials. The English Department participates in Hunter's interdisciplinary programs in Asian American Studies, Comparative Literature, Women's and Gender Studies, and Religion. The English major provides a foundation for careers in writing, teaching, journalism, publishing, law, business, or any other career that depends on the ability to read analytically and write effectively.

What can I do with my degree in English?

The ability to write well remains a rare but prized skill in almost every field, and English majors go on to careers in a variety of professions. The analytical, writing, and speaking skills honed in the major can lead graduates to careers in fields such as marketing, technology, publishing, teaching, the arts, law, venture capital, medicine, and policy making.

Programs and Courses

Programs and Courses in English

Administration and Faculty

Chair:
Sarah Chinn
1212A West
(212) 772-5178
sarah.chinn@hunter.cuny.edu

Department Office:

Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM
1212 West
(212) 772-5070
Web site: http://www.hunter.cuny.edu/~english

Faculty

English Faculty

HEGIS Codes: 1502

Concentration in Creative Writing (42 credits)

Return to Programs and Courses in English

The concentration in Creative Writing is designed to provide students with an informed appreciation of the depth and breadth of literature written in English, as well as the opportunity to develop their own interests and skills in creative writing. Students concentrating in Creative Writing take ENGL 22000 Introduction to Writing about Literature (W) and ENGL 25200 Introduction to Literary Studies, five required courses in literature, at least four creative writing workshops and three electives.

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Concurrent Requirements). When selecting courses, it may be to a student’s advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses CUNY Common Core

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

A. Introductory Courses (6 cr)

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

`prereq: ENGL 12000`  
`3 hrs + one additional conference hour`  
`3 cr.`

ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

`prereq: ENGL 22000`  
`3 hrs.`  
`3 cr.`  
- ENGL 22000 must be the first course taken in the major  
- ENGL 25200 must be taken within a semester of declaring the major

B. Survey Courses in Literature (6 credits)

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century
A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 30700 - Survey of American Literature: From Origins to the Civil War**

**GER**

3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

*prereq: ENGL 22000
3 hrs
3 cr.*

C. Requirements in Literature and Theory, Linguistics, or Rhetoric (9 credits)

1. One course from

**ENGL 31700 - Topics in Non-European Literary Traditions (W)**

**Pluralism and Diversity**

**PD/A**

**GER**

3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 31800 - Topics in Literature of Non-European Americans (W)**

**Pluralism and Diversity**

**PD/B**

**GER**

3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

*prereq: ENGL 22000
3 hrs
3 cr.*
ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.
ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

\textit{prereq: ENGL 22000}

3 hrs
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

\textit{prereq: ENGL 22000}

3 hrs
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

\textit{prereq: ENGL 22000}

3 hrs
3 cr.

ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

\textit{prereq: ENGL 22000}

3 hrs
3 cr.

2. One course in Literary Theory, Linguistics, or Rhetoric, from

ENGL 28000 - The Structure of Modern English
This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 30600 - Introduction to Literary Theory (W)**

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 33000 - Sociolinguistics**

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

prereq: ENGL 22000
3 hrs
3 cr
- ENGL 33200 - History of the English Language (W)
- ENGL 33300 - Topics in Language and Linguistics

**ENGL 34000 - History of Rhetoric**

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 34200 - Topics in Rhetoric**

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.

prereq: ENGL 22000
3 hrs
3 cr

3. One course in literature, linguistics, or rhetoric before 1800, from

ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.

prereq: ENGL 22000
3 hrs
3 cr.
ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33500 - Chaucer

Pluralism and Diversity

GER
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33600 - Medieval Literature (1100-1500)

GER
3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33700 - Literary Aspects of Folklore

GER
3/A

Studies of folktales, ballads and legends in their relationship to written literature.

prereq: ENGL 22000
3 hrs
3 cr.
- ENGL 34000 - History of Rhetoric

ENGL 35000 - Renaissance Drama

Pluralism and Diversity

GER 3/A

A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton

prereq: ENGL 22000
ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.
ENGL 35500 - Topics in Shakespeare (W)

GER
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr

ENGL 36000 - The 17th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36100 - Milton

Pluralism and Diversity
PD/D
GER
3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36200 - English Drama of Restoration and 18th Century

Pluralism and Diversity
PD/D
GER
3/A
A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etheredge, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.

**ENGL 36300 - Topics in Milton**

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

*prereq: ENGL 22000
3 hrs
3 cr*

**ENGL 36400 - The Age of Satire**

*Pluralism and Diversity
PD/D
GER
3/A*

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.

*prereq: ENGL 22000
3 hrs
3 cr*

**ENGL 36500 - The Later 18th Century**

*Pluralism and Diversity
PD/D
GER
3/A*

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.

*prereq: ENGL 22000
3 hrs
3 cr*

**ENGL 36800 - The 18th Century English Novel**

*Pluralism and Diversity
PD/D
GER
3/A*

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.

*prereq: ENGL 22000
ENGL 36900 - The 19th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37200 - Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38300 - Topics in Renaissance Literature
GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38400 - Topics in Restoration and 18th Century Literature

GER
3/A

Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr.

Some courses under the following number (depending on the topic; check department listings)

ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.

cross-listed WGS 31900
prereq: ENGL 22000
3 hrs
3 cr.

• ENGL 32100 - Topics in African American Literature
• ENGL 32200 - Topics in Gender and Sexuality in Literature
• ENGL 32400 - Topics in Native American Literature
• ENGL 32900 - Topics in Cross-Cultural Literature in English (W)
• ENGL 33300 - Topics in Language and Linguistics
• ENGL 34200 – Topics in Rhetoric
• ENGL 34700 - Language and Ethnicity
• ENGL 36600 – Topics in Literary Theory and Criticism

ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which
topics meet PD requirements.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 38700 - Topics in British and/or Irish Fiction**

**GER**

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser. May be repeated once for credit with a different topic.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature**

**GER**

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 38900 - One Major Writer (W)**

**Pluralism and Diversity**

PD/C or D

**GER**

3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 39100 - Topics in British and/ or Irish Poetry**

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme

*prereq: ENGL 22000*

3 hrs
3 cr.
ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39400 - World Literature: Drama

GER
3/A

Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr.

ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr.

ENGL 49400 - Honors Seminar: Special Studies
Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

1 sem
3 cr.

D. Required Writing Courses (12 credits)

1. ENGL 28500 Introduction to Creative Writing (and pass it with a grade of B or higher).

2. Students must then take 3 more creative writing workshops from the following, at least one of which must be a level-II workshop.

Note: Students may repeat level-II workshops once for credit. Students may not take a Level-II Workshop without first taking the Level-I Workshop in that genre. Students may not take ENGL 48400 without first taking a Level-II Workshop in that genre.

ENGL 30800 - Workshop in Non-Fiction I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.

Prereq: ENGL 30000
3 hrs
3 cr.

ENGL 30900 - Workshop in Non-Fiction II

GER
3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.

This course may be repeated once for credit.

Prereq: ENGL 30000 and 30800
3 hrs
3 cr.

ENGL 31100 - Workshop in Fiction I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of fiction.
prereq: ENGL 30000
3 hrs
3 cr.

ENGL 31300 - Workshop in Fiction II

GER
3/A
A continuation of ENGL 31100, with increasing emphasis on craft and revision. This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31100
3 hrs
3 cr.

ENGL 31400 - Workshop in Poetry I

GER
3/A
Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of poetry.
prereq: ENGL 30000
3 hrs
3 cr.

ENGL 31600 - Workshop in Poetry II

GER
3/A
A continuation of ENGL 31400, with increasing emphasis on craft and revision. This course may be repeated once for credit.
prereq: ENGL 30000 and ENGL 31400
3 hrs
3 cr.

E. Electives (9 credits)

Students in this concentration are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28000). All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be granted for 300-level courses in other departments.
400-level Advanced Seminar

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

ENGL 48400 - Advanced Seminar in Creative Writing

GER
3/A

Advanced seminar in a specific genre of creative writing (fiction, poetry, or creative non-fiction), with an emphasis on craft, style, and/or strategies for creative writers.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28500 (formerly 30000), ENGL 30400, ENGL 30700, level I and level II workshops in specified genre (30800 and 30900; 31100 and 31300; or 31400 and 31600).
3 hrs
3 cr.

ENGL 49000 - Advanced Seminar in Literature and Criticism

Focused study of and research on a selected author or authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 30400 (currently ENGL 33800), ENGL 30600, ENGL 30700 (currently ENGL 39500); and one of ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900
3 hrs.
3 cr.

ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric

Advanced-level study of a special focus in Linguistics and/or Rhetoric, with a goal of producing a substantial piece of research writing. Focus may vary from semester to semester.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28000, ENGL 30100; at least one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and at least one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, or ENGL 34800; and two courses at 300 or 400 level
3 hrs
3 cr.

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

Degree Map

Degree Map for English: Creative Writing
Concentration in English Language Arts (42 credits)

Return to Programs and Courses in English

The Concentration in English Language Arts is designed to provide students with experience in the study of literature, linguistics, rhetoric, and writing. While it is designed and intended primarily for prospective elementary school teachers, the concentration is open to all students. All Majors in this concentration take two Introductory Courses (6 credits): ENGL 22000 Introduction to Writing about Literature (3 cr.), which is a pre-requisite for all other courses in the major, and ENGL 25200 Introduction to Literary studies (3 cr.), which must be taken within a semester of declaring the major. Students take four required literature courses (12 cr): two surveys (ENGL 30400 Survey of British and Irish Literature, ENGL 30700 Survey of American Literature), one course in Postcolonial literature, African American literature, Native American literature, Asian American literature, Latina/o American literature, multi-ethnic American literature, or literatures from non-European traditions (ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900), and one course in either Western Literary Backgrounds (ENGL 30300), Children's Literature (ENGL 30500), Introduction to Literary Theory (ENGL 30600), or Shakespeare (ENGL 35200, 35300, 35400). All majors in this concentration are required to take two courses in Linguistics and/or Rhetoric (including ENGL 28000: The Structure of Modern English) and two writing courses (including ENGL 30100: Composition Theory and Practice). The remaining three courses (9 cr.) are electives, one of which is a 400-level advanced seminar, which will involve a substantial research or creative project. Students have the option of taking one course (3 credits) outside the English department from a menu of options (see below), an independent study with a full-time faculty member, an internship, and/or an Honors seminar if they qualify.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses CUNY Common Core

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

BA in English: Concentration in English Language Arts

A. Introductory Courses (6 credits)

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core

English Comp (EC)

GER

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
ENGL 25200 - Introduction to Literary Studies

**GER**
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

*prereq: ENGL 22000*

3 hrs.
3 cr.

- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

B. Survey Courses in Literature (6 credits)

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range of authors and genres in their cultural, social, and historical contexts. Required for all English majors.

*prereq: ENGL 22000*

3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

**GER**
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

*prereq: ENGL 22000*

3 hrs
3 cr.

C. Literature Requirements (6 credits)

1. One course from:

ENGL 31700 - Topics in Non-European Literary Traditions (W)

**Pluralism and Diversity**

PD/A

**GER**
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural,
historical, or theoretical theme. Topics vary from semester to semester

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 31800 - Topics in Literature of Non-European Americans (W)**

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32000 - Multi-Ethnic American Literature (W)**

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32100 - Topics in African American Literature**

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32300 - Topics in Asian American Literature**

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

*prereq: ENGL 22000
ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30300 - Western Literary Backgrounds of British and American Literature

Pluralism and Diversity
PD/D

Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30500 - Studies in Children's Literature

GER
3/A

Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35200 - Shakespeare Survey
A survey of Shakespeare's works from across his career.

**Prerequisite:** ENGL 22000

3 hours
3 credits.

**ENGL 35300 - Shakespeare I**

**Prerequisite:** ENGL 22000

3 hours
3 credits.

**ENGL 35400 - Shakespeare II**

**Prerequisite:** ENGL 22000

3 hours
3 credits.

**D. Required Courses in Linguistics and Rhetoric (6 credits)**

**ENGL 28000 - The Structure of Modern English**

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

**Prerequisite:** ENGL 22000

3 hours
3 credits.

2. One course from:

**ENGL 33000 - Sociolinguistics**

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory
is introduced as part of the analysis of the relationship of language and education, social mobility and power.

ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.

ENGL 33300 - Topics in Language and Linguistics

GER

3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.

ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity

PD/B

GER

3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

ENGL 22000

3 cr
ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.

prereq: ENGL 22000
3 hrs
3 cr

400-level Advanced Seminar

ENGL 48400 - Advanced Seminar in Creative Writing (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28500; ENGL 30400; ENGL 30700; and both a level 1 and 2 workshop in the student's chosen genre)

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

Degree Map

Degree Map for English: Language Arts

Courses Required for the Major

Concentration in English: Foundations for Adolescent Education (42 credits)

Return to Programs and Courses in English

The Concentration in English: Foundations for Adolescent Education (42 cr.) is designed to give students the foundation in literary studies, writing, and linguistics that is required for teaching English in grades 7-12. This concentration alone does not meet the teaching certification requirements for New York State and New York City public schools. Students interested in meeting these certification requirements will take this course sequence as part of the BA program in Adolescent English, Grades 7-12 jointly offered by the School of Arts & Sciences and the School of Education. Students interested in the BA program in Adolescent English, Grades 7-12 should declare this concentration of the major in English before declaring the joint major with the School of Education. Students who do not wish to pursue certification do not need to contact the School of Education and should simply follow the course of study set out in this English concentration. All Majors in this concentration take two Introductory Courses (6 credits): ENGL 22000 Introduction to Writing about Literature (3 cr), which is a pre-requisite for all other courses in the major, and ENGL 25200 Introduction to Literary studies (3 cr.), which must be taken within a semester of declaring the major. Students are required to take six literature courses (18 cr): four survey courses (ENGL 30300 Western Literary Backgrounds, ENGL 30400 Survey of British and Irish Literature, ENGL 306 Introduction to Literary Theory, ENGL 30700 Survey of American Literature), one course in Postcolonial literature, African American literature Native American literature, Asian American literature, Latina/o American, multi-ethnic American literature, or literatures from non-European traditions (ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400,
ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900), and one course in Shakespeare (ENGL 35200, 35300, 35400). Students are required to take one linguistics course (ENGL 30100: The Structure of Modern English) and two writing courses (including ENGL 30100: Composition Theory and Practice). The remaining three courses (9 cr.) are electives, one of which must be a 400-level advanced seminar, which will involve a substantial research or creative project. Students have the option of taking one course (3 credits) outside the English department from a menu of courses (see below), an independent study with a full-time faculty member, an internship, and/or an Honors seminar if they qualify.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

**Courses**

**CUNY Common Core**

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major**

**A. Introductory Courses (6 credits)**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**ENGL 25200 - Introduction to Literary Studies**

**GER**

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

*prereq: ENGL 22000*

3 hrs.

3 cr.

- ENGL 22000 must be the first course taken in the major
• ENGL 25200 must be taken within a semester of declaring the major

B. Surveys in Literature and Theory (18 credits)

ENGL 30300 - Western Literary Backgrounds of British and American Literature

Pluralism and Diversity
PD/D
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods

*prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

*prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

*prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

*prereq: ENGL 22000
3 hrs
3 cr.

C. Literature Requirements (6 credits)

1. One course from
ENGL 31700 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

*prereq: ENGL 22000
3 hrs
3 cr.

ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

*prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000
3 hrs
3 cr.
ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A
Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)
Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32900 - Topics in Cross-Cultural Literature in English (W)**

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000
3 hrs
3 cr.*

2. One course from

**ENGL 35200 - Shakespeare Survey**

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 35300 - Shakespeare I**

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 35400 - Shakespeare II**
Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.

prereq: ENGL 22000
3 hrs
3 cr.

D. Required courses in Linguistics (3 credits)

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs
3 cr.

E. Required courses in Writing (6 credits)

ENGL 30100 - Composition Theory and Practice

GER
3/A

Study of the theory and practice of academic composition.

prereq: ENGL 22000
3 hrs
3 cr.

• 2. One of

ENGL 28500 - Introduction to Creative Writing

GER
3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods. Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses, except ENGL 30100.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34300 - Topics in Composition Studies
Focused study of aspects of composition theory and/or practice. Topics vary from semester to semester and may include the history of composition studies, new media and digital studies, and/or writing across the curriculum. May be repeated once for credit with a different topic.

**prereq:** ENGL 22000
3 hrs
3 cr.

**F. Electives (9 credits)**

Students in this major are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28500). All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689, may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be granted for 300-level courses in other departments.

**400-level Advanced Seminar**

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

- ENGL 49000 Advanced Seminar in Literature and Criticism (Prerequisites: ENGL 22000; ENGL 25200; ENGL 30400; ENGL 30600; ENGL 30700; one of ENGL 31700, 31800, 32000, 32100, 32300, 32400, 32500, 32600, 32700, or 32900)

- ENGL 49200 Advanced Seminar in Linguistics and/or Rhetoric (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28000; ENGL 30100: one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, or 34800)

- ENGL 48400 Advanced Seminar in Creative Writing (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28500; ENGL 30400; ENGL 30700; and both a level 1 and 2 workshop in the student's chosen genre)

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

**Degree Map**

Degree Map for English: Preparation for Secondary School Teaching BA

**Teacher Education Pathway**
Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

**Concentration in Linguistics and Rhetoric (42 credits)**

Return to Programs and Courses in English

The concentration in Linguistics and Rhetoric is designed to provide students with a comprehensive course of study in the structures, uses, and ideologies of discourse in various types of texts, genres, and domains: from everyday talk to persuasive writing. Students will gain a complex understanding of spoken and written discourse by comparing a wide range of philosophical underpinnings, theoretical perspectives, and methodological approaches. This concentration is particularly suited for students who are interested in graduate study in Linguistics, Rhetoric, Applied Linguistics, and Teaching English to Speakers of Other Languages (TESOL).

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCC], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

<table>
<thead>
<tr>
<th>Courses</th>
<th>CUNY Common Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 22000 English Composition (EC)</td>
<td></td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major**

**A. Introductory Courses (6 credits)**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour
3 cr.

**ENGL 25200 - Introduction to Literary Studies**
GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.

- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

B. Required courses in Linguistics and in Rhetoric and Composition (18 credits)

1. In Linguistics

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs
3 cr.

2. Between one to three courses in Linguistics (3-9 credits) from

ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33300 - Topics in Language and Linguistics

GER
3/A
Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.

**prereq:** ENGL 22000

3 hrs
3 cr.

**ENGL 34600 - Discourse Analysis**

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

**prereq:** ENGL 22000

3 hrs
3 cr

**ENGL 34700 - Language and Ethnicity**

**Pluralism and Diversity**

PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

**prereq:** ENGL 22000

3 hrs
3 cr

**ENGL 34800 - English Across the World**

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.

**prereq:** ENGL 22000

3 hrs
3 cr

3. In Rhetoric and Composition

**ENGL 30100 - Composition Theory and Practice**
GER 3/A

Study of the theory and practice of academic composition.

*prereq: ENGL 22000
3 hrs
3 cr.

4. Between one to three courses in rhetoric and composition (3-9 credits) from

**ENGL 34000 - History of Rhetoric**

GER 3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.

*prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 34100 - Rhetorical Criticism**

GER 3/A

This course will focus on rhetorical criticism as a genre of academic writing.

*prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 34200 - Topics in Rhetoric**

GER 3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 34300 - Topics in Composition Studies**
Focused study of aspects of composition theory and/or practice. Topics vary from semester to semester and may include the history of composition studies, new media and digital studies, and/or writing across the curriculum. May be repeated once for credit with a different topic.

**prereq:** ENGL 22000

3 hrs

3 cr.

- In addition to ENGL 28000 and ENGL 30100, majors in this concentration take either one more course in linguistics and three more courses in rhetoric; three more courses in linguistics and one more course in rhetoric; or two more courses in linguistics and two more courses in rhetoric.

C. Survey courses in literature (6 credits)

**ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century**

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

**prereq:** ENGL 22000

3 hrs

3 cr.

**ENGL 30700 - Survey of American Literature: From Origins to the Civil War**

**GER**

3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

**prereq:** ENGL 22000

3 hrs

3 cr.

D. Literature Requirements (3 credits)

1. One course from

**ENGL 31700 - Topics in Non- European Literary Traditions (W)**

**Pluralism and Diversity**

PD/A

**GER**

3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

**prereq:** ENGL 22000

3 hrs

3 cr.
ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme.
Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature
Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.*
ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

E. Electives (9 credits)

Students in this major are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28500).

All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be granted for 300-level courses in other departments.

Note: Linguistics and Rhetoric majors may also choose one additional elective outside of the department from courses related to linguistics or rhetoric offered in other departments - in Anthropology (ANTHC 15100 Introduction to Linguistics; ANTHC 32047 Youth and Language; ANTHC 32076 Language, Sex And Gender; ANTHC 32081: Language and Power; ANTHC 35100 Language In Culture And Society; ANTHC 35200 Language In Society; ANTHC 35400: Grammatical Analysis (3 Cr); ANTHC 40176 Discourse Pragmatics; ANTHC 40191 Languages In Contact); in Classics (CLA 11000 Greek and Latin Roots of English); and in Philosophy (PHILO 10300 Introduction to Logic and Critical Thinking; PHILO 39484: Speech Acts); or from courses in foreign language study that are beyond those taken in fulfillment of the foreign language requirement (e.g., advanced courses in a second language, beginning courses in a third language).

*ENGL 33300 and ENGL 34200 may be taken multiple times in different topics to fulfill both required and elective courses

400-level Advanced Seminar

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

- ENGL 49000 - Advanced Seminar in Literature and Criticism (Prerequisites: ENGL 22000; ENGL 25200; ENGL 30400; ENGL 30600; ENGL 30700; one of ENGL 31700, 31800, 32000, 32100, 32300, 32400, 32500, 32600, 32700, or 32900)
- ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28000; ENGL 30100; and one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, ENGL 34800)
ENGL 48400 - Advanced Seminar in Creative Writing (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28500; ENGL 30400; ENGL 30700; and both a level 1 and 2 workshop in the student's chosen genre)

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

Concentration in Literatures and Criticism (42 credits)

Return to Programs and Courses in English

Majors who choose the Concentration in Literatures and Criticism (42 credits) take ENGL 22000 Introduction to Writing about Literature (W) (3) and ENGL 25200 Introduction to Literary Studies (3), four required courses (12), three courses in a specialized area of study (9), one 300- or 400-level English course with a focus on literature or rhetoric before 1800 (3), and 4-5 electives (12-15). The department recommends that students take the six required courses early in their major studies, preferably soon after they have declared the major. The Literatures, Language and Criticism concentration is designed to provide students with exposure to a range of literary texts and traditions, as well as to a specific area of study in which to focus. The first two areas of study reflect particular national literatures, and the remaining four are designed with broader approaches to literary study in mind. With prior approval, a student may also work with an adviser to design her own area.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

Courses CUNY Common Core

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

A. Introductory Courses (6 credits)

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core

English Comp (EC)

GER

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

_prereq: ENGL 22000
3 hrs.
3 cr.

- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

B. Survey Courses in Literature and Theory (9 credits)

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

_prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

_prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

_prereq: ENGL 22000
3 hrs
3 cr.
C. Literature Requirements (12 credits)

1. Two courses (6 credits) from

**ENGL 31700 - Topics in Non-European Literary Traditions (W)**

**Pluralism and Diversity**
**PD/A**
**GER**
**3/A**

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 31800 - Topics in Literature of Non-European Americans (W)**

**Pluralism and Diversity**
**PD/B**
**GER**
**3/A**

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 32000 - Multi-Ethnic American Literature (W)**

**Pluralism and Diversity**
**PD/B**
**GER**
**3/A**

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 32100 - Topics in African American Literature**

**Pluralism and Diversity**
**PD/B**
**GER**
**3/A**
Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

**ENGL 32300 - Topics in Asian American Literature**

**Pluralism and Diversity**
PD/B

Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

**prereq: ENGL 22000**

3 hrs
3 cr.

**ENGL 32400 - Topics in Native American Literature**

**Pluralism and Diversity**
PD/B

GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

**prereq: ENGL 22000**

3 hrs
3 cr.

**ENGL 32500 - Post-Colonial Literature in English (W)**

**Pluralism and Diversity**
P&D A

GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

**prereq: ENGL 22000**

3 hrs
3 cr.

**ENGL 32600 - Topics in US Latina/o Literature**

**Pluralism and Diversity**
PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

**prereq: ENGL 22000**
3 hrs
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

2. One course in literature, linguistics, or rhetoric pre-1800, from

ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33500 - Chaucer

Pluralism and Diversity
PD/D
Study of Chaucer, with emphasis on The Canterbury Tales.
*prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 33600 - Medieval Literature (1100-1500)**

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres

*prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 33700 - Literary Aspects of Folklore**

Studies of folktales, ballads and legends in their relationship to written literature.

*prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 34000 - History of Rhetoric**

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.

*prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 35000 - Renaissance Drama**

**Pluralism and Diversity**

A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton

*prereq: ENGL 22000
3 hrs
3 cr.
ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35500 - Topics in Shakespeare (W)
GER

3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme  
prereq: ENGL 22000  
3 hrs  
3 cr.

ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.

prereq: ENGL 22000  
3 hrs  
3 cr

ENGL 36000 - The 17th Century

Pluralism and Diversity

PD/D

GER

3/A

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.

prereq: ENGL 22000  
3 hrs  
3 cr.

ENGL 36100 - Milton

Pluralism and Diversity

PD/D

GER

3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.

prereq: ENGL 22000  
3 hrs  
3 cr.

ENGL 36200 - English Drama of Restoration and 18th Century

Pluralism and Diversity

PD/D

GER

3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Ether for, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.
ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36400 - The Age of Satire

Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36500 - The Later 18th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36800 - The 18th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.

prereq: ENGL 22000
3 hrs
3 cr.
ENGL 36900 - The 19th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37200 - Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38300 - Topics in Renaissance Literature

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.
**ENGL 38400 - Topics in Restoration and 18th Century Literature**

**GER**  
3/A  
Topics vary from semester to semester.  
*prereq: ENGL 22000*  
3 hrs  
3 cr.

Some courses under the following number (depending on the topic; check department listings)

**ENGL 31900 - Topics in Literature by Women (W)**

**Pluralism and Diversity**  
**PD/C**  
**GER**  
3/A  
Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.

*cross-listed WGS 31900*  
*prereq: ENGL 22000*  
3 hrs  
3 cr.

ENGL 32100 - Topics in African American Literature  
ENGL 32400 - Topics in Native American Literature  
ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

**ENGL 32200 - Topics in Gender and Sexuality in Literature**

**Pluralism and Diversity**  
**PD/C**  
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.  
*prereq: ENGL 22000*  
3 hrs  
3 cr.

**ENGL 33300 - Topics in Language and Linguistics**

**GER**  
3/A  
Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
ENGL 34200 - Topics in Rhetoric

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity
PD/C or PD/D (some topics)
GER
3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.

ENGL 38700 - Topics in British and/or Irish Fiction
GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.
May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39100 - Topics in British and/or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.
ENGL 39400 - World Literature: Drama

GER
3/A

Selected plays, classical, medieval and modern, including dramatic criticism.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000 ENGL 39500 or ENGL 39600
3 hrs
3 cr.

ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
May be repeated once for credit with a different topic.
prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr.

ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.
3. One course in literature, linguistics, or rhetoric pre-1900. Courses include all those listed above under the pre-1800 requirement (with the exception of courses in Shakespeare: ENGL 35200, ENGL 35300, ENGL 35400, ENGL 35500); and include the following:

**ENGL 33900 - Survey of British Literature II: The Eighteenth Century to the Present**

A survey of British Literature from the eighteenth century to the present, encompassing a range of authors and genres, and employing a variety of interpretive strategies.

*prereq: ENGL 22000*

3 hrs
3 cr.

ENGL 36900 - The 19th Century English Novel

**ENGL 37300 - Victorian Literature (W)**

*Pluralism and Diversity*

PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include. Authors may include Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, Newman, Dickens, the Brontes, George Eliot, and Thackery.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 38500 - Topics in 19th Century Literature**

GER
3/A

Topics vary from semester to semester.

*prereq: ENGL 22000*

3 hrs
3 cr.

**ENGL 39600 - American Prose from Reconstruction to World War I**

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin."

*prereq: ENGL 22000*

3 hrs
3 cr.
ENGL 39700 - Pre-20th Century American Poetry

GER
3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.

prereq: ENGL 22000
3 hrs
3 cr.

Some courses under the following number (depending on the topic; check department listings)

- ENGL 32300 – Topics in Asian American Literature
- ENGL 32600 – Topics in US Latina/o Literature
- ENGL 32700 – Topics in Caribbean Literature

E. Electives (15 credits)

Students in this major are required to take fifteen credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28000 and ENGL 28500).

All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a 300-level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

E. 400-level Advanced Seminar

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

ENGL 49000 - Advanced Seminar in Literature and Criticism

Focused study of and research on a selected author or authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 30400 (currently ENGL 33800), ENGL 30600, ENGL 30700 (currently ENGL 39500); and one of ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900
3 hrs.
3 cr.

ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric
Advanced-level study of a special focus in Linguistics and/or Rhetoric, with a goal of producing a substantial piece of research writing. Focus may vary from semester to semester.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28000, ENGL 30100; at least one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and at least one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, or ENGL 34800; and two courses at 300 or 400 level
3 hrs
3 cr.

ENGL 48400 - Advanced Seminar in Creative Writing

GER
3/A

Advanced seminar in a specific genre of creative writing (fiction, poetry, or creative non-fiction), with an emphasis on craft, style, and/or strategies for creative writers.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28500 (formerly 30000), ENGL 30400, ENGL 30700, level I and level II workshops in specified genre (30800 and 30900; 31100 and 31300; or 31400 and 31600).
3 hrs
3 cr.

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

Degree Map

Degree Map for English: Literature, Language, & Criticism

Degree Map for English: Creative Writing

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- US Experience in its Diversity
- Life and Physical Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core

English Comp (EC)

GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour

3 cr.

- Scientific World
- Foreign Language Elementary Level 2
- Creative Expression
- Individual & Society/ Social Sciences

Sophomore Year

Fall

ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000

3 hrs.

3 cr.

- Elective
- Individual & Society/ Humanities
Spring

ENGL 28500 - Introduction to Creative Writing

GER
3/A
An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods. Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses, except ENGL 30100.  
prereq: ENGL 22000  
3 hrs  
3 cr.

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.  
prereq: ENGL 22000  
3 hrs  
3 cr.

• Foreign Language Level 4  
• Elective  
• Elective

Junior Year

Fall

• Creative Writing Workshop  
• ENGL 30700, ENGL 39600, or ENGL 39700 Courses in American Literature  
• ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32400, ENGL 32500, or ENGL 32700 Course in Multi-Ethnic or Transnational Literature  
• Hunter Focus  
• Elective

Spring

• Creative Writing Workshop  
• ENGL 30600, ENGL 33000, ENGL 28000, ENGL 33200, ENGL 34000, or ENGL 34800 Course in Lit Theory, Linguistics or Rhet.  
• ENGL 300 or 400 Level Course with focus on pre-1800 Literature or Rhetoric*  
• Elective
Elective

Senior Year

Fall

- Creative Writing Workshop
- ENGL 300 or 400 Level Elective
- Elective
- Elective
- Elective

Spring

- ENGL 300 or 400 Level Elective
- ENGL 300 or 400 Level Elective
- Elective
- Elective
- Elective

Notes:

* The 300 or 400 level elective that focuses on pre-1800 literature cannot be ENGL 338 or ENGL 395

Degree Map for English: Language Arts

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
**GER**
1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- US Experience in its Diversity
- Life & Physical Sciences

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
**GER**
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.*

- Scientific World
- Foreign Language Elementary Level 2
- Creative Expression
- Individual & Society/ Social Sciences

Sophomore Year

Fall

**ENGL 25200 - Introduction to Literary Studies**

**GER**
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

*prereq: ENGL 22000
3 hrs.
3 cr.*

- Elective
- Individual and Society/ Humanities
- Foreign Language Intermediate Level 3
- World Cultures & Global Issues
Spring

**ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century**

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range of authors and genres in their cultural, social, and historical contexts. Required for all English majors.

*prereq: ENGL 22000*

3 hrs

3 cr.

- Foreign Language Intermediate Level 4
- ENGL 30700, ENGL 39600, or ENGL 39700 Course in American Literature
- Elective
- Elective

Junior Year

Fall

**ENGL 32000 - Multi-Ethnic American Literature (W)**

**Pluralism and Diversity**

PD/B

GER

3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 30100 - Composition Theory and Practice**

GER

3/A

Study of the theory and practice of academic composition.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 30500 - Studies in Children's Literature**

GER

3/A

Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural
consideration.

prereq: ENGL 22000
3 hrs
3 cr.

• Hunter Focus
• Elective

Spring

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs
3 cr.

• ENGL 300, ENGL 308 or ENGL 341 Course in Writing
• ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34000, ENGL 34200, or ENGL 34800 Course in Language, Linguistics, Rhetoric
• Elective
• Elective

Senior Year

Fall

• ENGL 300 or 400 Level Elective
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Spring

• ENGL 300 or 400 Level Elective
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Degree Map for English: Linguistics & Rhetoric

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog).
and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
**GER**
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf
3 cr.

- HCR - Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- HCR - US Experience in its Diversity
- HCR - Life and Physical Sciences

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**
English Comp (EC)
**GER**
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour
3 cr.

- HCR - Scientific World
- Foreign Language - Elementary Level II
- HCR - Creative Expression
- HCR - Individual and Society : Social Sciences

Sophomore Year
Fall

**ENGL 25000 - Topics in Literature**

**Hunter Core**
Creative Expression (CE)
**Pluralism and Diversity**
PD/A or B or C or D
**GER**
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

*prereq: ENGL 22000*
3 hrs
3 cr.
- HCR - Individual and Society : Humanities
- Foreign Language - Intermediate Level I
- ELECTIVE
- ELECTIVE

Spring

**ENGL 25200 - Introduction to Literary Studies**

**GER**
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

*prereq: ENGL 22000*
3 hrs.
3 cr.

**ENGL 30100 - Composition Theory and Practice**

**GER**
3/A

Study of the theory and practice of academic composition.

*prereq: ENGL 22000*
3 hrs
3 cr.
- Foreign Language - Intermediate Level II
- ELECTIVE
- ELECTIVE

Junior Year
ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000

3 hrs

3 cr.

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000

3 hrs

3 cr.

- ENGL 340, ENGL 341 OR ENGL 342
- HCR - Concentrated Study
- ELECTIVE

Spring

- ENGL 330, 332, 333, 346-348
- ENGL 340-342
- ENGL 395-397
- ELECTIVE
- ELECTIVE

Senior Year

Fall

- ENGL 330, 332, 333, 346-348
- ENGL 300 or 400 Level Elective
- ENGL 317, 318, 320, 321, 323-327, 329
- ELECTIVE
- ELECTIVE

Spring

- ENGL 300 or 400 Level Elective
- ENGL 300 or 400 Level Elective
- ELECTIVE
Degree Map for English: Literature, Language, & Criticism

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

• Math & Quantitative Reasoning
• Foreign Language Elementary Level 1
• US Experience in its Diversity
• Life and Physical Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.
- Scientific World
- Foreign Language Level 2
- Creative Expression
- Individual & Society/ Social Sciences

Sophomore Year

Fall

ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.
- Elective
- Foreign Language Level 3
- Individual & Society/ Humanities
- World Cultures & Global Issues

Spring

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

prereq: ENGL 22000
3 hrs
3 cr.
- Foreign Language Level 4
- Elective
Junior Year

Fall

**ENGL 30700 - Survey of American Literature: From Origins to the Civil War**

**GER**

3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 32000 - Multi-Ethnic American Literature (W)**

**Pluralism and Diversity**

PD/B

**GER**

3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000*

3 hrs

3 cr.

- ENGL Area of Study Course 1
- Hunter Focus
- Elective

Spring

- ENGL Area of Study Course 2
- ENGL 300 or 400 Level Elective
- ENGL 300 or 400 Level Elective
- Elective
- Elective

Senior Year

Fall

- ENGL Area of Study Course 3
- ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Spring

• ENGL 300 or 400 Level Elective
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective

Notes:

One of your five 300 or 400 level electives (or, alternatively, one of your three Area of Study courses) needs to fulfill the pre 1800 course requirement.

English - BA

The English Department offers students five concentrations:

• Concentration in Literatures and Criticism (42 credits)
• Concentration in Creative Writing (42 credits)
• Concentration in English Language Arts (42 credits)
• Concentration in English: Foundations for Adolescent Education (42 credits)
• Concentration in Linguistics and Rhetoric (42 credits)

After taking ENGL 22000 - Introduction to Writing about Literature (W), required of all students and a pre-requisite for all other courses in the major, students take thirty-nine credits (13 classes) of courses at the 300- and 400-level, with the exception of the following courses which are part of the major:

• ENGL 25200 - Introduction to Literary Studies, required of all students and to be taken within one semester of declaring the major
• ENGL 28000 - The Structure of Modern English, required for ELA, Linguistics and Rhetoric, and PSST students
• ENGL 28500 - Introduction to Creative Writing, required of all Creative Writing students

Depending on the concentration, students are required to take between 9-18 credits in literary studies, a range of credits in courses specific to their concentration, and between 9-15 credits in electives, including one advanced 400-level seminar. Up to 6 credits in the major sequence may be taken for CR/NC.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Honors
In order to qualify for departmental honors, students must take the Honors Seminar (ENGL 49400) and write an honors essay. The essay is normally written in relation to the Honors Seminar and under the supervision of the professor teaching the seminar. To take the Honors Seminar, students must first complete at least 24 credits of 300- and/or 400-level English classes with a GPA of at least 3.5 in those courses and an overall GPA of at least 2.8. Of these 24 credits, 21 must be taken at Hunter (in exceptional cases, 18 credits may suffice). The Honors Seminar requirement is in addition to the specified required courses in the student's concentration. Students interested in pursuing departmental honors should consult an undergraduate adviser. Please see the college rules on Academic Honors for more information in Academic Policies & Procedures.

ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

1 sem
3 cr.

Note(s)

The Honors Seminar requirement is in addition to the specified courses in the student’s major concentration. Students interested in departmental honors should consult the undergraduate adviser.

Minor in English

The English Department offers a 12-credit minor that provides students with an opportunity to pursue interests in literature, language, rhetoric, composition, and creative writing at the intermediate and advanced levels. The prerequisite to declare a minor is ENGL 22000 - Introduction to Writing about Literature (W). Students minoring in English may choose four courses (12 cr.) from among 200- and 300-level literature, language, or writing offerings, with a minimum of two 300-level courses necessary to satisfy the Minor requirements. Students who wish to take Creative Writing workshops in any of the three genres offered (Fiction, Poetry, and Creative Non-Fiction) must first pass ENGL 28500 - Introduction to Creative Writing , with a minimum grade of B.

NOTE: No course below English 22000 counts towards fulfillment of the Minor except ENGL 21800 - Advanced Expository Writing . English minors may not take 400-level courses.

Film and Media Studies

Overview

The Hunter College Department of Film and Media Studies offers three degree programs in the production and critical analysis of film and media. One program leads toward a major in Film, combining film history and theory with film production. The other leads toward a major in Media Studies, combining critical media analysis with creative practice using a mix of contemporary media forms (video, animation, digital imaging and graphics, web and interactive production). Students are encouraged to develop a creative voice that is socially aware and engaged and can find expression across a range of contemporary media technologies. Our curriculum is founded on the integration of theory
and practice. Leading scholars in history, aesthetics, media policy, critical theory and alternative and international practices provide students with a broad base in analytical thinking. Courses deal with subjects such as the history and aesthetics of film, video, television and new media; genre studies; the history, production and distribution of print and broadcast news; media representations of race, class and gender; and the intricate relationships among the mass media, popular culture and society. The department's production courses encourage students to work creatively in a variety of existing and emerging media forms. Courses include narrative film production (including screenwriting and directing), documentary production, television production, journalism and emerging media (including web design, animation, physical computing and game programming). The department is distinguished by award-winning faculty who are active in their respective fields.

What can I do with my degree in Film and Media Studies?

Skills honed in the major include research and communication skills, critical thinking, project management, team building skills and the ability to organize time effectively. In addition to careers within the film and media industries, graduates are attractive to the publishing industry, advertising and communications fields and other related industries.

Programs and Courses

Programs and Courses in Film and Media

Administration and Faculty

Chair:

Kelly Anderson
433 North
(212) 396-6066
kanderso@hunter.cuny.edu

Department Office:

433 North
(212) 772-4949
Web site: http://fm.hunter.cuny.edu
Hours of Operation: Monday-Friday 9:00 AM - 5:00 PM

Program Head, Film:

Joel Zuker
528 North
(212) 650-3477
jzuker@hunter.cuny.edu

Program Head, Analytical Media Studies

Larry Shore
512 North
(212) 772-49511
shunter@optimum.net

Program Head, Documentary and TV Production

Kelly Anderson
433 North
(212) 396-6066
kanderso@hunter.cuny.edu

Program Head, Emerging Media

Ricardo Miranda
477A North
(212) 396-6763
rmira@hunter.cuny.edu

Program Head, Journalism

Sissel McCarthy
525 North
(212) 772-4846
sissel.mccarthy@hunter.cuny.edu

Faculty

Film and Media Studies Faculty

HEGIS Codes: 1010 (Film), 0601 (Media)

Degree Map for Film

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Film major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Level 1
- Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)
4 hrs
3 cr

- Individual and Society/Social Sciences
• Foreign Language Level 2
• Life and Physical Sciences

Sophomore Year

Fall

• FILM 20100 Close Film Analysis
• FILPL 27600 Screen Writing I - The Short (W)
• US Experience in its Diversity
• World Cultures & Global Issues (WCGI)
• Foreign Language Level 3
• Individual and Society (Humanities) I&S H

Spring

• FILM 200 or 300- Level Film Style and Close Analysisl Anayltical Requirement Elective
• Any 200-level FILM HISTORY course.
• FILMP 25100 - Film Production I FILM 211 Film History I: 1895-1942 -or- FILM 212 Film History II: Since 1942
• Foreign Language Level 4
• Elective

Junior Year

Fall

• 300-level FILM History Requirement
• FILMP 35200 - Film Production II
• Hunter Focus
• Elective
• Elective

Spring

• Advanced Production Cluster Requirement
• Elective
• Elective
• Elective
• Elective

Senior Year

Fall
FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.

Material Fee: $20

prereq: FILMP 25100, FILMP 27600 open to film/media majors only or perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

4 hrs
3 cr.

• FILM Elective
• Elective
• Elective
• Elective

Spring

• Elective
• Elective
• Elective
• Elective

Degree Map for Media Studies: Journalism

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Film major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

• ENGL 12000 - Expository Writing
• MEDIA 18000 - Introduction to Media Studies
• Math & Quantitative Reasoning
• Foreign Language Level 1
• Scientific World
Spring

- ENGL 22000 - Introduction to Writing about Literature (W) or MEDIA 21100 – News Literacy in a Digital Age (EC, W)
- MEDP 150 Media and Film in a Digital Age Pt. 1 / FILMP 150 Media & Film in a Digital Age I
- Foreign Language Level 2
- Creative Expression
- US Experience in its Diversity

Sophomore Year

Fall

- FILMP 160 Media & Film in a Digital Age II
- MEDPL 20100 Reporting and Writing I (W)
- Life and Physical Sciences
- Foreign Language Level 3
- MEDIA 21100 News Literacy in a Digital Age

Spring

- MEDPL 200 or 300 Level Production Elective
- Individual & Society/ Social Sciences
- Foreign Language Level 4
- MEDPL 20200 Reporting and Writing 2(W)
- World Cultures & Global Issues

Junior Year

Fall

- MEDIA 200 or 300-level Elective
- MEDPL 200 or 300-level Production Elective
- Hunter Focus
- Elective
- Elective

Spring

- MEDPL 200 or 300 Level Production Elective
- MEDIA 200 or 300 Level Elective
- Elective
- Elective
- Elective
Senior Year

Fall

- MEDPL 200 or 300 Level Production Elective
- Elective
- Elective
- Elective
- Elective

Spring

- Elective
- Elective
- Elective
- Elective
- Elective

Film - BA

The Department of Film and Media Studies major in Film combines film history and theory with film production. Students are encouraged to develop a creative voice that is socially aware and engaged and can find expression across a range of contemporary technologies. Our curriculum is founded on the integration of theory and practice. Leading scholars in history, aesthetics, critical theory and alternative and international practices provide students with a broad base in analytical thinking. Courses deal with subjects such as the history and aesthetics of film; genre studies; and representations of race, class and gender. The department's production courses encourage students to work creatively in a variety of existing and emerging forms. Courses include narrative film production (including screenwriting and directing), documentary production, and animation. The department is distinguished by award-winning faculty who are active in their respective fields.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Film major, the course that meets CCCR is:

Course

FILM 10100 Introduction to Cinema

Film Production Track

I. Introductory Courses (6 credits)
FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr.

FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.
cross-listed MEDP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)
4 hrs
3 cr

II. Analytical Course Requirements (12 credits)

A) Film Style and Close Analysis (6 credits)

FILM 20100 - Close Film Analysis

GER
3/A

Close study of a selected motion picture.

prereq: FILM 10100
4 hrs
3 cr.

FILM 22400 - Cinematic Space

GER
3/A

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.
prereq: FILM 10100, 20100
4 hrs
3 cr.

B) Film History (6 credits):
One course (3 cr) from the following 200-level courses:

**FILM 21100 - Film History I: 1895-1945**

Pluralism and Diversity  
PD/D  
GER  
3/A  

Survey of film history and theory from the silent era to 1945.  
*prereq: FILM 10100*  
4 hrs  
3 cr.

**FILM 21200 - Film History II: Since 1945**

Pluralism and Diversity  
PD/D  
GER  
3/A  

Survey of film history and theory from 1946 to the present.  
*prereq: FILM 10100 or MEDIA 18000*  
4 hrs  
3 cr.

**FILM 21300 - National Cinema**

Pluralism and Diversity  
PD/D or A  
GER  
3/A  

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.  
*prereq: FILM 10100*  
4 hrs  
3 cr.

One course (3 cr) from the following 300-level courses:

**FILM 34400 - History of Cinematography**

GER  
3/A  

Survey class addressing key developments in the history and aesthetics of cinematography.  

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.  

*prereq: FILM 10100 and FILM 20100*
FILM 39700 - Topics in Film History

**Pluralism and Diversity**
PD/D
GER
3/A

A focused examination of specific issues and moments in film history. May be taken twice for credit under a different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILM 10100 and FILM 21100 or 21200 or 21300*

III. Production Course Requirements (12 credits):

A) Required Production Sequence (9 credits):

**FILMP 25100 - Film Production I**

Introduction to the fundamentals of filmmaking, writing, cinematography and editing.
Material Fee: $20
*prereq: MEDP/FLMP 16000; open to majors only or perm instr.*

*4 hrs 3 cr.*

**FILPL 27600 - Screen Writing I - The Short (W)**

The Short Fundamentals of writing for film; critiques of original student scripts.
*prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.*

*4 hrs 3 cr.*

**FILMP 35200 - Film Production II**

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.
Material Fee: $20
*prereq: FILMP 25100, FILMP 27600 open to film/media majors only or perm instr.*
*prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.*

*4 hrs 3 cr.*

B) Advanced Production Cluster (3 credits):

**FILMP 37100 - Screen Directing I**
Theory and practice of the film director's role as guiding force in creation of visual and aural images. Except as otherwise noted, ENGL 120 is prerequisite for all 300- and 400-level courses in FILM.

\textit{prereq:} FILMP 251, FILMP 276; open to film/media majors only or perm instr.

\textbf{FILPL 37700 - Screen Writing II The Feature (W)}

Continuation of workshop experience with emphasis on full-length screenplay. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

\textit{prereq:} FILMP 27600

4 hrs
3 cr.

IV. Elective Course Requirements (6 credits):

From analytical and/or production electives: At least one elective must be a 300 level or above course.

A) Analytical Electives:

\textbf{FILM 21400 - Multicultural Perspectives in Cinema}

\textit{Pluralism and Diversity}

PD/B (214.51 only)

\textit{GER}

3/A

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.

\textit{prereq:} FILM 10100

4 hrs
3 cr.

\textbf{FILM 21500 - Women and Film}

\textit{Pluralism and Diversity}

PD/C

\textit{GER}

3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.

\textit{prereq:} FILM 10100

4 hrs
3 cr.

\textbf{FILM 22200 - Topics in Genre Studies}
Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.

*prereq: FILM 10100*

4 hrs

3 cr.

**FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s**

Pluralism and Diversity

PD/C

GER

3/A

This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.

*cross-listed WDSA 222.52*

*prereq: FILM 10100*

4 hrs

3 cr.

**FILM 23000 - Movies in American Culture**

GER

3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.

*prereq: FILM 10100*

4 hrs

3 cr.

**FILM 23200 - Experimental Film and Video**

Pluralism and Diversity

PD/D

GER

3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.

*prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100)*

4 hrs

3 cr.

**FILM 29900 - Special Topics in Film**

GER

3/A
Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.

prereq: perm dept.
1-3 hrs
1-3 cr.

**FILM 32200 - Contemporary Film Theory**

**Pluralism and Diversity**
PD/D
GER
3/A

This course will address a range of theoretical writings on the cinema that were primarily produced during the 1970s and after. Except as otherwise noted, ENGL 12000 is prerequisite for all 30000- and 40000-level courses in FILM.

prereq: FILM 10100 and FILM 20100
4 hrs
3 cr.

**FILM 32400 - Narrative Strategies**

GER
3/A

Study of narrative techniques in cinema
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and 20100 or 23100
4 hrs
3 cr.

**FILM 32600 - America in American Film and Video**

GER
3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, 21100 or 21200
3 hrs
3 cr.

**FILM 22700 - Representations of Race and Ethnicity in U.S. Media**

**Pluralism and Diversity**
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated
for credit with different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**FILM 32800 - Images of Resistance in the Developing World**

*Pluralism and Diversity*

<table>
<thead>
<tr>
<th>PD/A</th>
<th>GER 3/A</th>
</tr>
</thead>
</table>

Focuses on challenges by developing world films and filmmakers to Western media stereotypes.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**FILM 33200 - Myths and Images in the Media**

<table>
<thead>
<tr>
<th>GER 3/A</th>
</tr>
</thead>
</table>

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**FILM 33400 - Theatricality and the Presentation of Self**

<table>
<thead>
<tr>
<th>GER 3/A</th>
</tr>
</thead>
</table>

Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**FILM 39100 - Problems in Film Research**

<table>
<thead>
<tr>
<th>GER 3/A</th>
</tr>
</thead>
</table>

Study of basic methods of solving problems in the field of cinema studies.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
3 hrs
3 cr.

FILM 39900 - Studies in Film

GER
3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: variable
3 hrs
3 cr.

FILM 40100 - Independent Research

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: perm chair
1-3 cr.

FILM 40200 - Honors Project

Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
3 cr.

FILM 49900 - Advanced Seminar

Selected topics in cinema studies. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: perm instr.
4 hrs
3 cr.

These courses may be counted for credit in more than one program.

B) Film Production Electives:

A second course from the advanced production cluster may be taken as an elective course

FILMP 37100 - Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images. Except as otherwise noted, ENGL 120 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr.
FILPL 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 27600
4 hrs
3 cr.

or

FILMP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.

cross-listed MEDP 28600
prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr.

FILMP 34100 - Producing the Film

Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 25100, FILMP 27600
3 hrs
3 cr.

FILMP 37200 - Screen Directing II

Continuation of FILMP 37100.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 37100 or permission of instructor
4 hrs
3 cr.

FILMP 38100 - Techniques of Cinematography

Advanced cinematographic techniques such as sensitometry, effects lighting and special effects.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 35200 or permission of instructor
4 hrs
3 cr.

FILMP 38200 - Narrative Editing

Narrative editing concepts, theories and techniques. Editing exercises explore the aesthetic and practical components of the craft and introduce advanced digital editing tools.

prereq: FILMP 25100
FILMP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM. 
prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.

3 hrs
3 cr.

FILMP 38400 - Film and Video Production

Production of short films with each student assigned to specific crew positions. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILMP 35200, and permission of instructor.

variable hrs
3 cr.

FILMP 39900 - Special Topics in Advanced Film Practice

Offered periodically with the specific topic listed in the schedule of classes. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: perm instr.

4 hrs
3 cr.

FILMP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision. Material Fee: $20
May be taken twice for credit. Cross-listed MEDP 45100
prereq: FILMP 35200 and perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

3 hrs
3 cr.

FILMP 49800 - Internship

Opportunity to gain professional experience
40 working per. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, two other film courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

*These courses may be counted for credit in more than one program.

Courses Required for the Major (36 credits)

30-36 credits, combined total: up to 6 introductory, 12 credits analytical, 12 credits production and 6 credits electives from analytical and/or production courses. Students must receive a grade of B or better in FILM 10100 to continue a major in film. The major must be declared in person with an undergraduate film adviser (call (212) 772-4949 to schedule). The student must bring their transcript, and, where relevant, transcripts from other colleges attended, when
meeting with the undergraduate film adviser to declare a film major. Students majoring in film must also take FILMP 16000/MEDP 16000 which is prerequisite for all film production courses. A maximum of 6 credits in MEDIA courses at the 200 or 300 level may be applied toward the major in film. Students must meet any prerequisites for these courses. Independent study and internship courses do not count toward the major. Students must see a program adviser to plan choice and sequence of courses.

Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major courses and a 3.0 grade point average overall. The student must also either complete an Honors Project, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400-level production or analytical seminar course with a grade of A. See the department for more information.

**FILM 40200 - Honors Project**

Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.*

3 hrs

3 cr.

Analysis and Criticism Track

6 introductory credits:

- FILM 10100  3 credits
- MEDIA 18000  3 credits

18 Required Analytical Credits to be chosen from within the following categories:

(a) Film Style and Close Analysis: 6 credits

- FILM 20100: Close Film Analysis  3 credits

Plus one course from the following:

- FILM 22400: Cinematic Space
- FILM 23100: Studies of Selected Directors (may be repeated for credit under different topic) FILM 32300: Film Technology and Aesthetic Theory (may be repeated for credit under different topic)
- FILM 323.51: Aesthetics of Film Sound
- FILM 32400: Narrative Strategies
- FILM 33300: Styles and Theories of Film Acting
- FILM 33400: Theatricality and the Presentation of Self

b) History: 6 credits, one 200-level and one 300-level required

- FILM 21100: Film History I
- FILM 21200: Film History II
- FILM 21300: National Cinema (may be repeated for credit under different subject)
- FILM 39700: Topics in Film History (may be repeated for credit under different subject)

c) Genre, Theory and Forms of Representation: 6 credits

- All FILM courses cross-listed as MEDIA will fulfill the media analytical requirement if taken under the MEDIA number.
- FILM 21400: Multicultural Perspectives in Cinema (may be repeated for credit under different subject)
- FILM 21500: Women and Film
- FILM 22000: Topics in Genre Studies (may be repeated for credit under a different topic)
- FILM 222.52: Topics in Genre Studies: The Woman's Film of the 1940s
- FILM 22300/MEDIA 29600: Topics in LGBTQ Film and Media
- FILM 23200: Experimental Film and Video
- FILM 23300/MEDIA 23300: Movies in American Culture
- FILM 31500/MEDIA 31500: Non-Fiction Film and Video
- FILM 32200: Contemporary Film Theory
- FILM 32600/MEDIA 32600: America in American Film and Video
- FILM 32800/MEDIA 32800: Images of Resistance in the Developing World
- FILM 32700/MEDIA 32700: Representations of Race and Ethnicity in U.S. Media

Special Topics, Honors, and Advanced Studies (optional electives)

- FILM 29900: Special Topics in Film
- FILM 39100: Problems in Film Research
- FILM 39900: Studies in Film
- FILM 40100: Independent Research
- FILM 40200: Honors Project

6 MEDIA CREDITS FROM ANY THREE MEDIA ANALYTICAL COURSES

Students should choose two media analytical courses based on their own particular interests and how they would like such courses to be integrated into their film analytical track. You may also consult with the film advisor on this matter.

6 ELECTIVE CREDITS: At least one elective credit should be a 300 level FILM analytical course.

Major 30
Sub-total 30

Electives 6

Total credits required 36

Degree Map

Degree Map for Film

Media Studies -BA

The Department of Film and Media Studies major in Media Studies combines critical media analysis with creative practice using a mix of contemporary media forms (video, animation, digital imaging and graphics, web and interactive production). Students are encouraged to develop a creative voice that is socially aware and engaged and can find expression across a range of contemporary media technologies. Leading scholars in history, aesthetics, media policy, critical theory and alternative and international practices provide students with a broad base in analytical thinking. Courses deal with subjects such as the history and aesthetics of film, video, television and new media; genre studies; the history, production and distribution of print and broadcast news; media representations of race, class and gender; and the intricate relationships among the mass media, popular culture and society. The department's production courses encourage students to work creatively in a variety of existing and emerging media forms. Courses include narrative film production (including screenwriting and directing), documentary production, television production, journalism and
emerging media (including web design, animation, physical computing and game programming). The department is distinguished by award-winning faculty who are active in their respective fields.

The major is composed of required and elective courses in media analysis and production for a total of 36 credits. The Department offers a General Media Studies Major or students may elect to major in an area of concentration. The concentrations are Media Analysis and Criticism, Documentary and Television Production, Journalism, and Emerging Media. Just as with the General Media Studies Major each concentration is 36 credits, however the curriculum has been tailored to help the student develop greater specialization in the area of concentration.

**Hunter Core Requirement**

Hunter Core Requirement Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCCR are:

- Courses CUNY Common Core Requirement
- MEDIA 18000 Introduction to Media Studies

**Major (36 cr)**

The major must be declared in with an undergraduate media studies adviser. (see department website for adviser schedules [http://fm.hunter.cuny.edu/](http://fm.hunter.cuny.edu/)). Students will be able to do a Media Studies BA: General Media Studies Major but may choose one of the concentrations in the major. These concentrations are:

- Media Studies BA: Concentration in Media Analysis and Criticism
- Media Studies BA: Concentration in Documentary and Television Production
- Media Studies BA: Concentration in Journalism
- Media Studies BA: Concentration in Emerging Media

However, these concentrations are optional; as long as they satisfy the General Media Studies Major requirements, students may combine courses from different concentrations. Students majoring in Media Studies must take the following introductory courses. These courses count toward the major.

- MEDIA 18000
- FILMP 15000/MEDP 15000
- FILMP 16000/MEDP 16000

A maximum of 6 credits in FILM or FILMP courses at the 200- or 300-level may be applied toward the major in Media Studies. Students must meet any prerequisites for these courses. Courses in Independent Study, Honors Project, and Internship do not count toward the major. Students must consult a program adviser to plan choice and sequence of courses.

**Double Majors**

Students may choose to complete a major in the Department of Film and Media Studies and a second major in another department. A student cannot declare a double major in Film and Media Studies. Because of the intensive nature of the production courses in both Film and Media Studies, it is strongly recommended that all students take no more than two production courses per semester.
Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major courses and a 3.0 grade point average overall. The student must also either complete an Honors Project FILM 40200 or MEDIA 40200, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400-level production or analytical seminar course with a grade of A. See the department for more information.

Media Studies BA: Concentration in Documentary and Television Production

Return to Media Studies - BA

This concentration is intended to give students foundational knowledge in the theory and practice of linear non-fiction video and related digital media skills. Students in this concentration will also specialize in one of three advanced areas: Documentary Production, Experimental Media Production or Studio Television Production.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Media Studies major, the course that meets CCCR is:

MEDIA 21100 - News Literacy in a Digital Age

Hunter Core

English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

Courses Required for the Major (36 credits)

A. Introductory Courses (9 cr.)

MEDIA 18000 - Introduction to Media Studies

Hunter Core

Individual & Society - Humanities (I&S H)

GER

2/C
Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

**MEDP 15000 - Media and Film in a Digital Age Pt. 1**

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

cross-listed FILMP 15000
prereq or coreq: MEDIA 18000, FILM 10100
4 hrs
3 cr.

**MEDP 16000 - Media and Film in a Digital Age Pt. 2**

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.

cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr.

**FILMP 15000 - Media & Film in a Digital Age I**

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.

cross-listed MEDP 15000
prereq or coreq: MEDIA 18000, FILM 10100
3 cr
4 hrs

**FILMP 16000 - Media & Film in a Digital Age Pt. 2**

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)
4 hrs
3 cr

**B. Required Production Courses (9 cr.)**

**MEDP 28100 - Documentary Video Production 1**

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.

Material Fee: $20
prereq: MEDP/FILMP 16000
3 hrs
3 cr.
**MEDPL 29000 - Developing Non-Fiction Media (W)**

This class guides students through the research, writing and production planning essential for creating a non-fiction film, video or podcast.

*prereq: MEDIA 18000 and MEDP 16000 or FILMP 16000*

3 hrs
3 cr.

**MEDP 31100 - Documentary Video Production 2**

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.

Material Fee: $20

*prereq: MEDP 28100 or FILMP 35200

*prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.*

4 hrs
3 cr.

**C. Elective Production Courses (9 cr.)**

These may be any regular 200- or 300-level MEDP or MEDPL courses. Any regular 200- or 300-level FILMP and FILPL courses course counts toward this requirement as well, though students may only count up to 6 credits total of FILM, FILMP or FILPL classes toward the major.

**D. Required Analytical Course (3 cr.)**

**MEDIA 31500 - Nonfiction Film and Video**

**GER**

3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.

MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

*prereq: MEDIA 18000*

4 hrs
3 cr.

**E. Elective Analytical Courses (6 cr.)**

Two regular analytical courses may be chosen from any analytical offering, however it is strongly recommended that students consider analytical courses in relation to their area of production.

**Degree Map for Media Studies: Documentary Production**

Degree Map for Media Studies: Documentary Production

**Media Studies BA: Concentration in Emerging Media**
The Emerging Media concentration gives students foundational knowledge in the theory and practice of digital media as a creative and investigative form of production. Students in this concentration may elect to specialize in various areas of production including Web Production, Interactive Media Production and 3D Imaging Production or may elect a broad curriculum of study from the Emerging Media courses. The curriculum interweaves technical instruction with aesthetic, communicative and cultural production and research to help a student establish a cohesive portfolio in new media.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Emerging Media Concentration, the course that meets CCCR is:

**MEDIA 18000 - Introduction to Media Studies**

*Hunter Core*

Individual & Society - Humanities (I&S H)

**GER**

2/C

Social, political, and economic factors that determine and shape products of media organizations.

*3 hrs*  
*3 cr.*

Courses Required for the Major (36 credits)

A. Introductory Courses (9 cr.)

**MEDIA 18000 - Introduction to Media Studies**

*Hunter Core*

Individual & Society - Humanities (I&S H)

**GER**

2/C

Social, political, and economic factors that determine and shape products of media organizations.

*3 hrs*  
*3 cr.*

**MEDP 15000 - Media and Film in a Digital Age Pt. 1**

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

*cross-listed FILMP 15000*

*prereq or coreq: MEDIA 18000, FILM 10100*
4 hrs
3 cr.

**MEDP 16000 - Media and Film in a Digital Age Pt. 2**

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.

*cross-listed* FILMP 16000  
*prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)*

4 hrs
3 cr.

*This course may be counted for credit in more than one program.*

**FILMP 15000 - Media & Film in a Digital Age I**

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.

*cross-listed* MEDP 15000  
*prereq or coreq: MEDIA 18000, FILM 10100*

3 cr
4 hrs

**FILMP 16000 - Media & Film in a Digital Age Pt. 2**

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

*cross-listed* MEDP 16000  
*prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)*

4 hrs
3 cr

**B. Required Production Courses**

Select 4 from the list below for 12 credits:

**MEDP 23400 - Creative Code**

This course explores the expressive potential of computer programming in media production and provides a theoretical framework for interdisciplinary artistic practices that use generative systems in their creation including drawing, poetry, music, and video production.

*prereq: MEDP 15000*

3 hrs
3 cr.

**MEDP 25000 - Digital Design and Usability**

This course introduces students to the fundamentals of 2D design and interaction design for digital media. The class approaches the subject from a creative and conceptual perspective. Students choose which digital production tools are most effective to address specific creative design problems.
MEDP 26000 - Introduction to 2D Animation

This hands-on class is an introduction to animation using 2D digital tools. Historical precursors to digital animation including experimental and animated film as well as contemporary animation will be screened. Class time will consist of screenings, in-class demonstration, production and critique.

prereq: MEDIA 18000, MEDP 15000, MEDP 16000
3 hrs.
3 cr.

MEDP 26200 - Motion Graphics

This course provides a practical introduction to the creative possibilities of producing computer-generated motion graphics. Temporal development is the core of many digital arts, which include video, digital animation, music, web-casting and new media performance. This course explores the theory and application of motion graphics that are created, processed, and then re-presented in time.

prereq: MEDP 15000, FILMP16000/MEDP 16000, MEDP 26000
3 hrs.
3 cr.

MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: $20

prereq: MEDP/FILMP 16000
3 hrs.
3 cr.

MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.

prereq: MEDP/FILMP 15000
3 hrs.
3 cr.
- MEDP 31600 Experimental Production

MEDP 33100 - Web Production II

An exploration of the production of Internet-distributed media, especially animation, sound, and video, using GIF Animation, Flash, and sound tools.

prereq: MEDP 28500
MEDP 34100 - Web Programming

Advanced programming skills for website design. Dynamic content development explored through state of the art programming languages for the creation of interactive websites. Students will create web pages that utilize the most current techniques in web development. The curriculum in this class emphasizes an integrated and creative approach to web programming, including detailed instruction and practice in the technical aspects. It is designed to give students a basic introduction to the tools and techniques used by web programmers.

prereq: MEDP 23400 and MEDP 33100
3 hrs
3 cr.

MEDP 34500 - Web Design Projects

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.

prereq: MEDP 33100 or perm instr.
3 hrs
3 cr.

MEDP 34900 - Introduction to Physical Computing

This course is intended to introduce students to programming and off-screen media. Some time will be spent producing screen based visual and interactive art, but most of our semester will be dedicated to hardware hacking and the Arduino. Theoretical readings will be assigned throughout and students are expected to respond thoughtfully in text and media.

prereq: MEDP 16000 and MEDP 23400
3 hrs
3 cr.

MEDP 35500 - Physical Computing: Interactive Installation

A hands-on course focusing on the current state of interactive media in a collaborative environment. Students will create projects integrating video, sound and text exploring design concepts and using sensors for real-time interactivity. Material Fee: $20
prereq: MEDP 15000, MEDP 16000, FILMP 16000, MEDP 23400
3 hrs
3 cr.

MEDP 36000 - 3D Animation and Modeling

This hands-on production course will examine concepts and practices that form the basis of 3D animation for video, graphic novels, filmmaking, and net based art.

prereq: MEDP 25000, MEDP 26000
3 hrs.
3 cr.

**MEDP 36500 - 3D Virtual Environments**

This course is an introduction to skills and creative approaches for the development of computer-generated 3D interactive virtual environments. Students will develop 3D virtual environments using standard 3D game design techniques and technologies. This class approaches the subject from both a technical and creative perspective. It gives students an introduction to the tools and techniques used to design 3D computer games and how those processes may be applied to create artistically focused work.

*prereq: MEDP 36000
3 hrs.
3 cr.*

**MEDP 37000 - Game Programming I**

This course serves as an introduction to game design in the Unity 3D game engine. It will also serve as an introduction to programming in C#. 2D Games will be created using sprites made in Photoshop or another image editor. 3D games will use assets created in Maya, an alternate 3D modeling tool, or basic geometry. The course will cover game design principles with a strong emphasis on learning the cycle of prototyping, playtesting, iterative design and publishing. The end goal will be to create a portfolio-ready final piece. Library research is not expected for this course. This course is focusing on the procedural thinking, aesthetic expression and critical thinking needed for game programming, therefore it will not require extensive written papers.

*prereq or coreq: MEDP 15000, FILMP 16000/MEDP 16000, MEDP 23400, MEDP 25000
3 hrs.
3 cr.*

**MEDP 37100 - Game Programming II**

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of game development tools and approaches while exploring a variety of theoretical, social, and other aspects of modern game culture. We will learn how to program controller input, create graphical output, develop environmental rules and follow debugging best practices. Throughout the course, we will look critically at large budget, experimental games and mobile games, and explore concepts like procedural rhetoric and player agency. The class will use easy-to-learn, industry standard programming environments like p5.js or Processing.

*prereq or coreq: MEDP 15000, FILMP/MEDP 16000, MEDP 23400, MEDP 25000, MEDP 37000
3 hrs.
3 cr.*

**MEDP 39900 - Special Topics in Advanced Media Production**

Taught periodically, with topic listed in Schedule of Classes.

*prereq: MEDIA 18000, others variable
3 hrs
3 cr.*

**MEDP 36200 - Information Graphics**
This is a lab-based design course in which students create, develop and produce information graphics while learning information design principles. The class will introduce thinkers and artists from various fields. We will look at a mix of contemporary and historical methodologies, analyze a variety of visual design approaches and examine critical texts on data visualization. Students will be expected to learn how to use both raster and vector software packages used in graphic production. Assigned projects will incorporate techniques and ideas covered in class.

prereq: This course should be available as an option to count towards Required Production Credit within the Emerging Media concentration.

3 hrs.
3 cr.

C. Elective Production Courses (6 cr.)

These may be any regular 200- or 300-level MEDP or MEDPL courses including those from the list of required courses (see B. above.) Any regular 200- or 300-level FILMP or FILPL course counts toward this requirement as well, though students may only count up to 6 credits total of FILM, FILMP or FILPL classes toward the major.

D. Elective Analytical Courses (9 cr.)

Three analytical courses may be chosen from any analytical offering; however it is strongly recommended that students consider analytical courses in relation to their area of production.

Degree Map for Media Studies: Emerging Media

Media Studies BA: Concentration in Journalism

Return to Media Studies -BA

The journalism concentration offers a liberal arts approach to the study and production of multimedia news. Students will learn to gather information through observation, interviews, and research and to communicate it through clear and compelling writing enhanced by photography, video, audio, and interactive features. In addition to a toolkit for newsgathering and story production, students will learn how to be more critical news consumers and their own fact checkers through courses that offer a critical analysis of news and media.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Media Studies major, the course that meets CCCR is:

MEDIA 18000 - Introduction to Media Studies

 Hunter Core
 Individual & Society - Humanities (I&S H) 
 GER 
 2/C
Social, political, and economic factors that determine and shape products of media organizations.

*MEDIA 21100 - News Literacy in a Digital Age*

**Hunter Core**

English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

*prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.*

**Courses Required for the Major (36 credits)**

**A. Introductory Courses (12 cr.)**

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**

Individual & Society - Humanities (I&S H)

GER

2/C

Social, political, and economic factors that determine and shape products of media organizations.

*3 hrs
3 cr.*

**MEDP 15000 - Media and Film in a Digital Age Pt. 1**

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

*cross-listed FILMP 15000
prereq or coreq: MEDIA 18000, FILM 10100
4 hrs
3 cr.*

**MEDP 16000 - Media and Film in a Digital Age Pt. 2**

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.

*cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)*
4 hrs
3 cr.

MEDIA 21100 - News Literacy in a Digital Age

Hunter Core
English Comp (EC)
In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

*This course may be counted for credit in more than one program.

FILMP 15000 - Media & Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.
cross-listed MEDP 15000
prereq or coreq: MEDIA 18000, FILM 10100
3 cr
4 hrs

FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.
cross-listed MEDP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)
4 hrs
3 cr

B. Required Production Courses (6 cr.)

MEDPL 20100 - Reporting and Writing I (W)

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.
prereq or coreq: MEDIA 18000
3 hrs
3 cr.

MEDPL 20200 - Reporting and Writing 2(W)

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.
prereq: MEDPL 20100
3 hrs
3 cr.

C. Elective Production Courses (12 cr.)

Choose Among the courses below (12 cr.):

**MEDPL 23900 - Entertainment Journalism (W)**

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.

*prereq: MEDPL 20100
3 hrs
3 cr.*

**MEDPL 28300 - Visual Storytelling for Journalists**

This course teaches students how to report and produce visual stories, including hard news, features, formal interviews, and live shots.

*prereq: MEDPL 16000 or FILMP 16000, and MEDPL 20200
3 hrs
3 cr.*

**MEDPL 28400 - Radio Reporting and Podcasting**

This course teaches students how to report and write a variety of news stories and podcasts for a live radio newscast.

*prereq: MEDPL 20200
3 hrs
3 cr.*

**MEDPL 29400 - Magazine Writing (W)**

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.

*prereq: MEDPL 20100
3 hrs
3 cr.*

**MEDPL 29500 - Online Journalism (W)**

This class teaches students to research, pitch, report and write web based stories that include some type of data visualization as well as multimedia elements. Students will also learn how to create a video using that includes text and photos to tell a story and use social media to research news stories.

*prereq: MEDPL 20100
3 hrs
3 cr.*
MEDPL 29600 - Feature Writing (W)

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.

*prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 29700 - Data Journalism: Telling Stories with Numbers

This course covers the fundamentals of data journalism reporting and visual storytelling using emerging techniques and tools. Students will learn to work with data and basic design to uncover and illustrate news trends and tell interactive data-driven news stories.

*prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 37200 - Investigative Reporting (W)

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.

*prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.

*prereq: MEDIA 18000 and MEDPL 20100
3 hrs
3 cr.

MEDPL 38700 - Mobile Journalism

This course covers the fundamentals of reporting and visual storytelling on current and emerging mobile platforms using a smartphone.

*prereq: MEDPL 20200
3 hrs
3 cr.

MEDPL 38800 - Studio News Production

This course teaches students how to collectively produce and present a live newscast, *Hunter News Now*, on deadline and how to create news content relevant to a Hunter College audience. Students may take this course twice for credit.

*prereq or coreq: MEDPL 28300
3 hrs
3 cr.

- MEDP 39903 Urban Environmental and Health Journalism
MEDIA 37300 - Journalism as Literature

GER
3/A

An examination of the relationships between journalism and literature, including literary journalism, the journalistic prose of major imaginative writers, and the stylistic characteristics of hard news reporting.

prereq: MEDIA 18000
3 hrs
3 cr.

E. Elective Analytical Courses (6 cr.)

Analytical courses may be chosen from any analytical offering; however, it is strongly recommended that students consider analytical courses in relation to their area of production.

Media Studies BA: Concentration in Media Analysis and Criticism

Return to Media Studies - BA

The media analysis concentration develops critical thinking in students and offers an in-depth understanding of the field of media studies. It includes the study of Media Representations.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Media Studies major, the course that meets CCC is:

MEDIA 21100 - News Literacy in a Digital Age

Hunter Core
English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

Courses Required for the Major (36 credits)

A. Introductory Courses (9 cr.)
**MEDIA 18000 - Introduction to Media Studies**

Hunter Core  
Individual & Society - Humanities (I&S H)  
GER  
2/C

Social, political, and economic factors that determine and shape products of media organizations.  
3 hrs  
3 cr.

**FILMP 15000 - Media & Film in a Digital Age I**

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.  
cross-listed MEDP 15000  
prereq or coreq: MEDIA 18000, FILM 10100  
3 cr  
4 hrs

**FILMP 16000 - Media & Film in a Digital Age Pt. 2**

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.  
cross-listed MEDP 16000  
prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)  
4 hrs  
3 cr

**B. Required Analytical Courses (18 cr):**

Analytical courses in 2 categories, as outlined below. Some courses are listed in more than 1 place, but each course fulfills a requirement in just 1 category. (Students may not double count a course.)

1. Media Representations (9 credits from the following)

**MEDIA 27100 - Television Culture**

GER  
3/A

Theoretical analysis of the production and reception of televisual texts, with close reading of particular texts.  
prereq: MEDIA 18000  
3 hrs  
3 cr.

**MEDIA 29853 - The Horror Film**

GER  
3/A
A historically informed exploration of the international horror film genre in cultural context. Includes a consideration of filmic conventions, marketing practices, and audience reception. We will explore cultural fears, and how art and industry manage to express and profit from those fears.

*prereq: MEDIA 18000 or FILM 10100*

3 hrs

3 cr.

**MEDIA 31500 - Nonfiction Film and Video**

**GER**

3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

*prereq: MEDIA 18000*

4 hrs

3 cr.

**MEDIA 32600 - America in American Film and Video**

**GER**

3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.

*prereq: MEDIA 18000*

3 hrs

3 cr.

**MEDIA 22700 - Representations of Race and Ethnicity in U.S. Media**

**Pluralism and Diversity**

**PD/B**

**GER**

3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism; and other forms of American popular culture.

*prereq: MEDIA 18000*

4 hrs

3 cr.

**MEDIA 33200 - Myths and Images in the Media**

**GER**

3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.

*prereq: MEDIA 18000*
3 hrs
3 cr.

MEDIA 37400 - Media, Sports, and Society
GER
3/A
Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 28400 - Women and Media
Pluralism and Diversity
PD/C
GER
3/A
Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.
cross-listed WGS 38400 (W)
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39700 - Fandom and Television
GER
3/A
This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by audience fandom, to the mainstreaming of cult audience behavior for high-rated programs today. This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by fan audiences, to the mainstreaming of cult audience behavior for high-rated programs today.
prereq: MEDIA 27100
3 hrs
3 cr.

MEDIA 39800 - Complex Television Narratives (W)
This course examines the historical emergence and characteristics of long-term arc-driven TV serials. Emphasis will be on the narrative strategies and formal features of dramatic serials, with some attention to complex comedies. This course falls under the Media Analysis and Criticism concentration of the Media major.
prereq: MEDIA 27100 (Television Culture, previously MEDIA 37100) or MEDIA 37100 or MEDIA 39700 (Cult Television Theory and Audiences) or Permission of instructor
MEDIA 39900 - Advanced Topics in Media Studies

GER
3/A

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr.

(This topics courses under the MEDIA 39900 Advanced Topics in Media Studies umbrella can fulfill the Representations Area: MEDIA 39931 Women and Television.)

MEDIA 28000 - Radio, Television and Podcasting

GER
3/A

The convergence of media, communications technologies, art, design, and culture. It is intended to familiarize students with important approaches in new media, focusing on the history of the medium and the conceptual history of interactivity in art and communication.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 29600 - Topics in LGBTQ Film and Media

Pluralism and Diversity
PD/C
An examination of various film and media topics as they relate to lesbian, gay, transgender and queer issues. May be repeated for credit under a different topic.

cross-listed FILM 22300
prereq: FILM 10100 or MEDIA 18000
4 hrs
3 cr.

2. Media Industries, and Politics (9 credits from the following)

MEDIA 26000 - Internet and Society

GER
3/A

The Impact of the Internet on American and global society.

prereq: MEDIA 18000 or permission of instr.
3 hrs
3 cr.
MEDIA 36500 - Digital Copyright

GER
3/A

An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-to-peer trading, digital rights management, and third party liability for information service providers.

prerequisite: MEDIA 18000
3 hrs
3 cr.

MEDIA 37400 - Media, Sports, and Society

GER
3/A

Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.

prerequisite: MEDIA 18000
3 hrs
3 cr.

MEDIA 38300 - Popular Music and the Music Industry

GER
3/A

Exploration of social and cultural significance of popular music; history, structure, and economics of music industry. Particular emphasis on popular music from fifties to present.

prerequisite: MEDIA 18000
3 hrs
3 cr.

MEDIA 39400 - Media and Law in the Digital Age

GER
3/A

This course focuses on how legislative actions and judicial decisions have affected the dissemination of ideas, information and images in American society via print, electronic transmission and new forms of emerging media. Among the topics considered are libel, privacy rights, government data access, copyright, and freedom of expression in the digital age.

prerequisite: MEDIA 18000
3 hrs
3 cr.

MEDIA 39600 - Global Communication
This course explores international media—its history and organization and how it shapes the culture and behavior of people around the world. It considers the workings of key international media industries such as global news, film, the TV and music industries, telecommunications and the Internet. The course also addresses the impact of American media around the world and competing media industries in other countries.

MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

**MEDIA 21100 - News Literacy in a Digital Age**

Hunter Core

English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

**MEDIA 38100 - Propaganda and the Mass Media**

GER

Study of mass media (broadcast, film, print) as forms for propaganda.

**MEDIA 28000 - Radio, Television and Podcasting**

GER

The convergence of media, communications technologies, art, design, and culture. It is intended to familiarize students with important approaches in new media, focusing on the history of the medium and the conceptual history of interactivity in art and communication.

**MEDIA 27500 - Media and Politics**

GER
The impact of the electronic media on American politics.

prereq: MEDIA 18000
3 hrs
3 cr.

Degree Map for Media Analysis and Criticism

Degree Map for Media Studies: Media, Analysis & Criticism

Media Studies BA: General Media Studies Major

Return to Media Studies -BA

Hunter Core Requirement

Hunter Core Requirement Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCCR are:

- Courses CUNY Common Core Requirement
- MEDIA 18000 Individual & Society

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

Courses Required for the Major (36 credits)

A. Required Introductory Courses (9 cr.)

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C
Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

**MEDP 15000 - Media and Film in a Digital Age Pt. 1**

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

cross-listed FILMP 15000

*prereq or coreq: MEDIA 18000, FILM 10100*

4 hrs
3 cr.

**FILMP 16000 - Media & Film in a Digital Age Pt. 2**

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000

*prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)*

4 hrs
3 cr.

**B. Required Analytical Courses (9 cr.)**

Students must take at least 9 credits of analytical courses. Any 200- and 300-level MEDIA courses may be used to meet this requirement. Any 200- or 300-level FILM course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP or FILPL classes toward the major. MEDP, MEDPL, FILMP and FILPL courses do not count toward the analytical requirement.

**C. Elective Analytical or Production Courses (18 cr.)**

Students must take an additional 18 credits of analytical and/or production courses. These may be any 200- or 300-level MEDIA or MEDP or MEDPL courses. Any 200- or 300-level FILM or FILMP or FILPL course counts toward this requirement as well, though students may only count up to 6 credits total of FILM, FILMP or FILPL classes toward the major.

**Degree Map for General Media Studies BA**

Degree Map for Media Studies BA: General Media Studies Major

**Minor in Film**

Requirements for the Minor in Film

**A. Required Introductory Course (3 cr.)**
FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr.

*This course may be counted for credit in more than one program.

B. Other Requirements (15 cr)

Three 200-level courses from the following (9 cr)

FILM 20100 - Close Film Analysis

GER
3/A

Close study of a selected motion picture.

prereq: FILM 10100
4 hrs
3 cr.

FILM 21100 - Film History I: 1895-1945

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from the silent era to 1945.
prereq: FILM 10100
4 hrs
3 cr.

FILM 21200 - Film History II: Since 1945

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from 1946 to the present.
prereq: FILM 10100 or MEDIA 18000
FILM 22400 - Cinematic Space

GER
3/A

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.

prereq: FILM 10100, 20100

4 hrs
3 cr.

FILM 23100 - Studies of Selected Directors

Pluralism and Diversity
GER 3/A

Study of aesthetic and cultural implications of authorship as developed and practiced in cinema. May be repeated for credit with a different topic.

prereq: FILM 10100, 20100

4 hrs
3 cr.

FILM 21300 - National Cinema

Pluralism and Diversity
PD/D or A

GER
3/A

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.

prereq: FILM 10100

4 hrs
3 cr.

FILM 23000 - Movies in American Culture

GER
3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.

prereq: FILM 10100

4 hrs
3 cr.

FILM 21400 - Multicultural Perspectives in Cinema
Pluralism and Diversity
PD/B (214.51 only)
GER
3/A

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.

prereq: FILM 10100
4 hrs
3 cr.

FILM 21500 - Women and Film

Pluralism and Diversity
PD/C
GER
3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.

prereq: FILM 10100
4 hrs
3 cr.

FILM 22200 - Topics in Genre Studies

GER
3/A

Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.

prereq: FILM 10100
4 hrs
3 cr.

FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s

Pluralism and Diversity
PD/C
GER
3/A

This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.

cross-listed WGSA 222.52
prereq: FILM 10100
4 hrs
3 cr.

FILM 23200 - Experimental Film and Video
Pluralism and Diversity
PD/D
GER
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.  
*prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).*
4 hrs
3 cr.

**FILM 29900 - Special Topics in Film**

GER
3/A

Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.  
*prereq: perm dept.*
1-3 hrs
1-3 cr.

**FILPL 27600 - Screen Writing I - The Short (W)**

The Short Fundamentals of writing for film; critiques of original student scripts.  
*prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.*
4 hrs
3 cr.

Two 300 level courses from the following (6 cr)

**FILM 32200 - Contemporary Film Theory**

Pluralism and Diversity
PD/D
GER
3/A

This course will address a range of theoretical writings on the cinema that were primarily produced during the 1970s and after.  
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.  
*prereq: FILM 10100 and FILM 20100*
4 hrs
3 cr.

**FILM 32300 - Film Technology and Aesthetic Theory**

GER
3/A

Study of the relationship between film technology and film theory. May be repeated for credit with a different topic.  
Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.  
*prereq: FILM 10100 and 20100*
4 hrs
3 cr.

**FILM 32351 - Aesthetics of Film Sound**

**GER**

3/A

Examination of the history, theory and aesthetics of the relationship between film sound and image.

Except as otherwise noted, ENGL 12000 is prerequisite for all 30000- and 40000-level courses in FILM.

*prereq: FILM 10100, 20100*

4 hrs
3 cr.

**FILM 32400 - Narrative Strategies**

**GER**

3/A

Study of narrative techniques in cinema

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILM 10100 and 20100 or 23100*

4 hrs
3 cr.

**FILM 32600 - America in American Film and Video**

**GER**

3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILM 10100, 21100 or 21200*

3 hrs
3 cr.

**FILM 22700 - Representations of Race and Ethnicity in U.S. Media**

**Pluralism and Diversity**

**PD/B**

**GER**

3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILM 10100*

4 hrs
3 cr.
FILM 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

---

FILM 33200 - Myths and Images in the Media

GER
3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

---

FILM 33400 - Theatricality and the Presentation of Self

GER
3/A

Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.

---

FILM 34400 - History of Cinematography

GER
3/A

Survey class addressing key developments in the history and aesthetics of cinematography.

---

FILM 39100 - Problems in Film Research
GER
3/A

Study of basic methods of solving problems in the field of cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, 20100, 21100 or 21200
3 hrs
3 cr.

FILM 39900 - Studies in Film

GER
3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: variable
3 hrs
3 cr.

FILPL 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILMP 27600
4 hrs
3 cr.

Minor in Journalism

Training future journalists to report the news accurately and ethically is essential to the future of the news industry.
While a major or minor in journalism is not a prerequisite to work in the news industry, many news organizations do prefer to hire students that have this credential because these employers are familiar with journalism curricula. This minor offers students the opportunity to pursue an 18-credit minor in Journalism, affording them a potentially beneficial credential when seeking internships, fellowships, or jobs with news organizations. Media Studies majors may earn the Journalism minor and in that event, will be able to count MEDIA 18000 for both the major and the minor.

Courses Required for the Minor (18 credits)

Required courses - 12 credits

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
MEDIA 21100 - News Literacy in a Digital Age

Hunter Core
English Comp (EC)
In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

MEDPL 20100 - Reporting and Writing I (W)

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

prereq or coreq: MEDIA 18000
3 hrs
3 cr.

MEDPL 20200 - Reporting and Writing 2(W)

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.

prereq: MEDPL 20100
3 hrs
3 cr.

Electives - 6 credits

MEDPL 23900 - Entertainment Journalism (W)

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.

prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 28300 - Visual Storytelling for Journalists

This course teaches students how to report and produce visual stories, including hard news, features, formal interviews, and live shots.

prereq: MEDPL 16000 or FILMP 16000, and MEDPL 20200
3 hrs
3 cr.
**MEDPL 28400 - Radio Reporting and Podcasting**

This course teaches students how to report and write a variety of news stories and podcasts for a live radio newscast.

*prereq: MEDPL 20200*

3 hrs

3 cr.

**MEDPL 29400 - Magazine Writing (W)**

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.

*prereq: MEDPL 20100*

3 hrs

3 cr.

**MEDPL 29500 - Online Journalism (W)**

This class teaches students to research, pitch, report and write web based stories that include some type of data visualization as well as multimedia elements. Students will also learn how to create a video using that includes text and photos to tell a story and use social media to research news stories.

*prereq: MEDPL 20100*

3 hrs

3 cr.

**MEDPL 29600 - Feature Writing (W)**

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.

*prereq: MEDPL 20100*

3 hrs

3 cr.

**MEDPL 29700 - Data Journalism: Telling Stories with Numbers**

This course covers the fundamentals of data journalism reporting and visual storytelling using emerging techniques and tools. Students will learn to work with data and basic design to uncover and illustrate news trends and tell interactive data-driven news stories.

*prereq: MEDPL 20100*

3 hrs

3 cr.

**MEDIA 38600 - Media Ethics**

*GER* 3/A

This course will acquaint students with important ethical principles and professional norms in the news industry and other mass media. Students will be introduced to theories that inform ethical practice, explore important journalistic and mass and social media ethical failures and emerging areas of ethical challenges.

*prereq: MEDIA 18000*
MEDIA 49800 - Internship

Opportunity to gain professional experience.
prereq: MEDIA 18000 and 2 other MEDIA or MEDP courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

MEDPL 37200 - Investigative Reporting (W)

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.
prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.
prereq: MEDIA 18000 and MEDPL 20100
3 hrs
3 cr.

MEDPL 38700 - Mobile Journalism

This course covers the fundamentals of reporting and visual storytelling on current and emerging mobile platforms using a smartphone.
prereq: MEDPL 20200
3 hrs
3 cr.

MEDPL 38800 - Studio News Production

This course teaches students how to collectively produce and present a live newscast, Hunter News Now, on deadline and how to create news content relevant to a Hunter College audience. Students may take this course twice for credit.

prereq or coreq: MEDPL 28300
3 hrs
3 cr.

Minor in Media Studies

The Minor in Media Studies consists of five courses for a total of 15 credits. At least one 200-level course and at least one 300-level course are required. The other three courses can be at any level. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.
Geography and Environmental Science

Overview

The department offers majors in Geography and Environmental Studies, a five-year combined BA/MA program in Environmental Studies and Adolescent Education-Earth Science, and minors in Geography, Environmental Studies and Geology. Our programs focus on urban and social geography; globalization and international development; earth systems, environmental science, and physical geography; geographic information science and digital mapping; environmental policy and sustainability; and social studies and environmental education. In addition, students learn how to use advanced analytical skills, including quantitative, qualitative, modeling, and geospatial research methods in order to address the vital problems humanity is facing today. In addition to comprehensive classroom instruction, the department offers field trips and field courses in geography and environmental science.

A major in Geography is designed to prepare students to understand our world's changing social and natural environments in their interaction and using concepts of place, space, distance, and location. In many instances, geographers make maps to analyze differences between places and to seek explanations for those differences. Most importantly, Geography not only will broaden your knowledge of the world and how human and natural systems interact but will also equip you with the skills needed to seek solutions to many pressing problems, from the impacts and consequences of climate change, depletion of natural resources, and pollution to poverty, inequality, geopolitical crises, migration, and insecurity. These skills include critical thinking, spatial analysis, and analytical writing. In addition to classroom learning and field trips, students learn by doing research projects together with community advocacy groups in New York City.

Geography majors are encouraged to pursue the course of study that best fits their interests while also exploring the three concentration areas that the department offers: Cities and Globalization; Digital Mapping and Geographic Information Science; and Sustainability. There is an option that prepares students for temporary certification in New York State to teach social studies at grades K-12.

The Environmental Studies major offers a common core of courses and an interdisciplinary approach that allows students to focus on environmental policy and management or earth systems science. Our major prepares students to identify and describe the components of Earth's environment and their interconnections. Our goal is to equip students with theoretical and practical tools to synthesize the body of knowledge presented in the course work and to address real world problems. We seek to accomplish this goal by fostering classroom dynamics where assumptions, methods and findings are critically evaluated. After choosing a concentration, students take advanced physical science courses for the Environmental Earth Science concentration and human geography and social science courses for the Environmental Management Policy concentration. Coursework covers subjects that include weather and climate, climate change, environmental hazards, fluid dynamics, sustainability, ecology, oceanography, conservation, urban problems and their solutions and the global impact of humans on the Earth system.

What can I do with my degree in Geography and Environmental Studies?

Courses in all of these fields are valuable parts of a general liberal education, developing an awareness of earth phenomena and the role these play in people's lives. Through integration of content knowledge, applied skills, and internships, our graduates are prepared for both graduate study and immediate employment in the public, private, and non-profit sectors.

Our website features stories about our former students who equally excel in academic and professional worlds. Courses for Geography and Environmental Studies majors are valuable parts of a liberal arts education, developing an awareness of how earth systems work and the role these play in people's lives. They also educate students about the
challenges humanity faces in the era of global climate change, geopolitical and public health crises, growing inequality, and migration. Both majors prepare students for graduate degrees in earth and environmental science, geography, geoinformatics, and related fields. Many students successfully pursue top graduate programs and receive prestigious internships and fellowships such as those from the National Center for Atmospheric Research (NCAR) and the National Atmospheric and Space Administration (NASA), U.S. Environmental Protection Agency and Department of Environmental Protection. Many also become professionals whose expertise in the above areas is widely used by the governments and administrations of New York City and New York State, the U.S. Bureau of the Census, and private industry; they also develop careers as geography/earth science teachers.

Programs and Courses

Programs and Courses in Geography and Environmental Science

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Administration and Faculty

Chair:

Marianna Pavlovskaya
1003F North
(212) 772-5320
mpavlov@hunter.cuny.edu

Undergraduate Geography Adviser:

Thomas B. Walter
1003A North
(212) 772-5457
twalter@hunter.cuny.edu

Environmental Studies Adviser fall 2018:

Haydee Salmun
1041 North
(212) 775-5224
hsalmun@hunter.cuny.edu

Environmental Studies Adviser spring 2019:

Frank Buonaiuto
1049 North
(212) 650-3092
fbuonaiu@hunter.cuny.edu
Department Office:
1006 North
(212) 772-5265
fax (212) 772-5268
Hours of Operation: Monday – Thursday 9:00 AM – 6:00 PM, Friday 9:00 AM to 5:00 PM

Faculty

Geography Faculty

HEGIS Codes: 2206 (Geography); 2205 (Adolescent Education); 4999 (Environmental Studies)

Environmental Studies - BA

Return to: Programs of Study

The major offers two concentrations which are organized to promote an intensive understanding of contemporary physical science, specifically earth system science as it relates to environmental issues, and an intensive understanding of a system-based approach to the dynamic nature of human-environmental interactions particularly as manifest in contemporary politics and economics. The concentrations are Environmental Earth Science and Environmental Management and Policy. It is suggested that students select a concentration as they enter the major with the understanding that the choice is not final at this stage and students can switch concentrations as they advance in the program. To aid in this process, the curriculum offers a common core of required courses, as well as sufficient overlap within the required elective courses. It is strongly recommended that students considering this major meet with the adviser to discuss their interests and program of studies as courses may be added or deleted as the college's and department's offerings change. One or more courses not listed below may be included in a student's concentration with the advice and consent of the adviser.

Hunter Core Requirement

Courses in this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Environmental Studies major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 10100</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>PGEOG 13000 (STEM)</td>
<td>Scientific World</td>
</tr>
<tr>
<td>GEOL 18000</td>
<td>Scientific World</td>
</tr>
<tr>
<td>GEOL 10000</td>
<td>Scientific World</td>
</tr>
<tr>
<td>GEOL 10500</td>
<td>Scientific World</td>
</tr>
</tbody>
</table>
Courses Required for the Major

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

A) Earth System Science Track: Sub-Plan ENV ES (59-77 credits)

Framework Courses Within the Department (13- 14 credits)

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B
Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

**prereq or coreq:** ENGL 12000  
3 hrs  
3 cr.

- One 10000-level GEOL or PGEOG earth science course (3-4)

**Required Math Courses (3-16 credits)**

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.  
**prereq:** appropriate score on placement exam or exit from appropriate departmental workshop  
4 hrs (2 lec, 2 lab)  
3 cr.

- or -

**MATH 101EN - Algebra for College Students - Enhanced**

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.  
**prereq:** Department Permission  
6 hrs  
3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.  
**prereq:** MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.  
2 hrs  
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**  
Math/Quantitative Reasoning (MQR)  
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions
and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

-or-

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

-or-

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

-and-

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

* Courses can be used for more than one program

Must choose two of the following sequences in traditional bench sciences (18-22)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
BIOL 10200 (STEM) - Principles of Biology II

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

CHEM 10200 (STEM) - General Chemistry I

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

**prereq or coreq:** MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

CHEM 10400 (STEM) - General Chemistry II

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)

**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

**prereq:** CHEM 10200 with grade of C or better

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

spring only
CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

GER
2/E

First semester of two-semester introductory physics course using algebra.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

GER
2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

*pre req or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

*Pre req: PHYS 11000 or 11100
*pre req or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

* Courses can be used for more than one program

**Core Environmental Studies Courses (10)**

**PGEOG 25000 - Earth System Science I (W)**

*Pre req: ENGL 12000
*pre req or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr.

**PGEOG 25100 - Earth System Science II**

*Pre req: PGEOG 25000 or perm instr.
4 hrs
3.5 cr.

* Capstone Experience (Select One Course):
GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq:* 2 sems of geology, perm dept.

1-3 cr.

PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq:* GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.

1-3 cr.

PGEOG 49000 - Honors in Environmental Studies

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

*prereq:* perm dept.

Sub-Plan Specific 20000- and 30000-Level Elective Requirement (15 credits)

Students must choose at least 15 credits from the GEOL, PGEOG and GTECH offerings with at least three courses selected at the 30000 level.

Advanced courses offered by complimentary disciplines may be considered and selected as appropriate electives for the major in consultation with the Major Advisor.

Students who are completing an additional major or minor may use courses required by both majors to fulfill requirements for the Environmental Studies major.

B) Human Dimensions of Earth Systems Track: Sub-Plan ENV MP (58-67)

Framework Courses Within the Department (25-26 credits)

GEOG 10100 - People and Their Environment

**Hunter Core**

Individually and Society - Social Science

**GER**

2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Interact with it. Contemporary economic, political and social patterns and problems are discussed.
GEOG 15000 - World Regions in Global Context

Hunter Core
World Cultures and Global Issues (WCGI)

Pluralism and Diversity
PD/A or D

GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

• One 10000- level GEOL or PGEOG earth science course (3-4)

GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C

GER
3/B

Course will explore several critical issues such as the relationship between population growth and development;
immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GTECH 30100 - Quantitative Methods in Geography

Open to Jr/Sr only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.

prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr.

GTECH 36100 - GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geo-spatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee: $15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.
Required Math Sequence (0-8 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

-or-

**MATH 101EN - Algebra for College Students - Enhanced**

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

*prereq: Department Permission*

6 hrs

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

*Hunter Core*

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550.*

4 hrs

4 cr.

-or-
MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

-or-

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

* Courses can be used for more than one program

Courses Offered By Supporting Disciplines (14 credits)

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

**prereq:** CHEM 10200 with grade of C or better

**5 hrs (4 lec, 1 rec)**

**4 cr.**

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

**prereq:** CHEM 10200

**coreq:** CHEM 10400

**6 hrs**

**3 cr.**

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**
Math/Quantitative Reasoning

**GER**

**1/B**

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

**3 hrs**

**3 cr.**

* Courses can be used for more than one program

**Core Environmental Studies Courses (10 credits)**

**PGEOG 25000 - Earth System Science I (W)**

**GER**

**3/B**

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.

**prereq:** ENGL 12000

**prereq or coreq:** GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
PGEOG 25100 - Earth System Science II

GER
3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.

prereq: PGEO 25000 or perm instr.

4 hrs
3.5 cr.

Capstone Experience Select One Course:

GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sem of geography, perm dept.

1-3 cr.

PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.

1-3 cr.

PGEOG 49000 - Honors in Environmental Studies

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

prereq: perm dept.

Sub-Plan Specific 20000 and 30000 Level Elective Requirement (9 credits)

Students must choose at least nine credits of advanced courses from the GEOG, GEOL, PGEOG and GTECH offerings with at least two courses selected at the 30000 level.

Advanced courses offered by complementary disciplines may be considered and selected as appropriate electives for the major in consultation with the Major Advisor.

Internships

Students can receive from one to four credits for internships in government agencies, consumer and activist groups, business and industry and media organizations involved in energy issues (e.g., Council on the Environment of NYC, Energy Task Force, NY State Assembly, Sierra Club, International Earthcare Center, NY State Department of Energy, Brooklyn Union Gas, NYC Department of Environmental Protection and the American Museum of Natural History).
Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Honors Work and Individual Study

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to

GEOG 49000 - Honors in Geography

Upper Jr/Sr geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.

prereq: perm dept.
1 sem
3 cr.

PGEOG 49000 - Honors in Environmental Studies

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

prereq: perm dept.
• and have a 3.0 cumulative GPA and a 3.5 GPA in the major.

The following courses

also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

GEOG 39100 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sem of geography, perm dept.
1-3 cr

GEOG 39200 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sem of geography, perm dept.
1-3 cr

GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sem of geography, perm dept.
1-3 cr

GEOL 39100 - Individual Study in Geology
Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
**prereq:** 2 sems of geology, perm dept.  
1-3 cr.

**GEOL 39200 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
**prereq:** 2 sems of geology, perm dept.  
1-3 cr.

**GEOL 39300 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
**prereq:** 2 sems of geology, perm dept.  
1-3 cr.

**PGEOG 39100 - Individual Study in Environmental Studies**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
**prereq:** GEOL 10500, GEOG 22600 or PGEOG 13000  
1-3 cr.

**PGEOG 39200 - Individual Study in Environmental Studies**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
**prereq:** GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.  
1-3 cr.

**PGEOG 39300 - Individual Study in Environmental Studies**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
**prereq:** GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.  
1-3 cr.

**Fieldwork**

Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Study Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

**Graduate Study**

Graduate-level courses may be taken for credit toward the bachelor’s degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.
Intern Program

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

GEOG 49800 - Internship

Open to qualified geography majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See undergraduate adviser.

1-4 cr.

PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.

1-4 cr.

Degree Map

Degree Map for Environmental Studies

Geography - BA

A major in Geography is designed to prepare students to understand and respond to our world's changing social and natural environments using a range of quantitative, qualitative, and geospatial research methods. Students will study how social and natural systems interact using concepts of place, space, distance, location, and scale. They will also learn how to make (digital) maps in order to analyze and explain differences between places. Geographic knowledge and analytical skills are vital to solving the many problems our world is facing today, from consequences of climate change to geopolitical crises and migration. In addition to classroom learning, students explore urban and natural environments through our field-based classes and by doing research projects together with community advocacy groups in New York City.

Our department offers three concentration areas that Geography majors are encouraged to explore. These concentrations are: Cities and Globalization, Digital Mapping and Geographic Information Science, and Sustainability. Students are encouraged to discuss with advisors and professors in our department the course of study that best fits their interests.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Geography major, the courses that meet CCC are:
Requirements for the Degree Program:

Core Requirements for all Geography (13 credits)

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring
GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

Courses Offered by Supporting Disciplines (0-8 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs
4 cr.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.
* These courses may be counted for credit in more than one program.

Additional Requirements for All Geography Majors (21-22 credits)

Note: PGEOG 13000 can count for one requirement only.

One of the following courses:

PGEOG 14000 - Introduction to Weather, Climate and Climate Change

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

3 hrs
3 cr.

PGEOG 13000 (STEM) - Weather and Climate

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic
physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

Material Fee: $5
5 hrs (3 lec, 2 lab)
4 cr.
Offered in the Fall and Spring

GEOL 10000 - Introduction to Geology

Hunter Core
Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

GEOL 10500 - Introduction to Environmental Studies

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.

prereq: ENGL 12000
3 hrs.
3 cr.

GEOL 18000 - Introduction to Oceanography

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
PGEOG 14100 - Introduction to Weather, Climate and Climate Change Laboratory

A hands-on laboratory science course. PGEOG 14100 will explain how weather and climate affect people and the natural environment through hands-on laboratory and field experiences. The course explores the science of the atmosphere starting with weather and weather forecasting including severe storms such as hurricanes and tornadoes. World climates and global climate change is included. This course will serve as an introduction to atmospheric science and will prepare students for further work in geography and Earth sciences.

3 hrs (1 hour lecture, 2 hours lab)
3 cr.

PGEOG 13000 (STEM) - Weather and Climate

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.

*prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course*

Elective Courses (a minimum of 18 credits, at 200 level or higher).

Core courses cannot double count as geography major elective courses. One 3-credit independent study course may count as a 300-level elective course with the approval of the undergraduate geography advisor.

At least 18 additional credits of courses with a GEOG, PGEOG or GTECH prefix of which at least 15 credits must be at the 300-level.

Options in Social Studies Education within the Geography Major

The Department of Geography and the School of Education provide opportunities for students to prepare for a career in teaching social studies in grades 1-6 (Childhood Education) or in grades 7-12 (Adolescent Education).

1. Option in Social Studies within the Geography Major for Childhood Education Teachers
2. Option in Social Studies within the Geography Major for Adolescent Education Teachers

Honors Work and Individual Study
To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to the following and have a 3.0 cumulative GPA and a 3.5 GPA in the major.

**GEOG 49000 - Honors in Geography**

Upper Jr/Sr geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.

*prereq: perm dept.*

1 sem
3 cr.

**PGEOG 49000 - Honors in Environmental Studies**

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

*prereq: perm dept.*

The following courses

Also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

**GEOG 39100 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq: 2 sem of geography, perm dept.*

1-3 cr

**GEOG 39200 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq: 2 sem of geography, perm dept.*

1-3 cr

**GEOG 39300 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq: 2 sem of geography, perm dept.*

1-3 cr

**GEOL 39100 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq: 2 sens of geology, perm dept.*

1-3 cr.

**GEOL 39200 - Individual Study in Geology**
Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
\textit{prereq:} 2 sems of geology, perm dept.  
1-3 cr.

**GEOL 39300 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
\textit{prereq:} 2 sems of geology, perm dept.  
1-3 cr.

**PGEOG 39100 - Individual Study in Environmental Studies**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
\textit{prereq:} GEOL 10500, GEOG 22600 or PGEOG 13000  
1-3 cr.

**PGEOG 39200 - Individual Study in Environmental Studies**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
\textit{prereq:} GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.  
1-3 cr.

**PGEOG 39300 - Individual Study in Environmental Studies**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.  
\textit{prereq:} GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.  
1-3 cr.

**Fieldwork**

Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Education Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

**Graduate Study**

Graduate-level courses may be taken for credit toward the bachelor’s degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

**Intern Program**

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.
GEOG 49800 - Internship

Open to qualified geography majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See undergraduate adviser.

1-4 cr.

PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.

1-4 cr.

Degree Map

Degree Map for Geography BA

Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000, GEOL 10100, GEOL 10500, GEOL 18000; and
- at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100*, GEOG 22600, GEOL 28000, or GTECH 20100; and
- at least one course (minimum of 3 credits) from the 300-level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).

*PGEOG 25000 is a prerequisite for PGEOG 25100

Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEO or GTEC prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

Minor in Geology

A minor in geology consists of a minimum of 12 credits as follows:

One course selected (at least 3 credits) from

GEOL 10000 - Introduction to Geology

Hunter Core
Scientific World (SW)
Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

GEOL 10100 - Introductory Geology Lab

Hunter Core
Life & Physical Sciences
GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr.

GEOL 10200 - Plate Tectonics and the Earth's Evolution

GER
2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

GEOL 10500 - Introduction to Environmental Studies

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.
prereq: ENGL 12000
An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

**Course Details**

**GEOL 18000 - Introduction to Oceanography**

**Hunter Core**
Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

**prereq:** Prerequisite: Math Proficient and Reading Proficient/Non degree students

**GEOL 20500 - Environmental Geology**

GER
3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.

**prereq:** GEOL 10100

**GEOL 23100 - Principles of Geomorphology**

GER
2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.

**prereq:** P GEO 13000 or GEOL 10100

3 cr.
GEOL 28000 - Marine Geology

GER
3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.

prereq: GEOL 10200 or perm instr.
3 hrs
3 cr.
Fall

or other approved course, and

at least one course (minimum of 3 credits) from the following list of 300-level courses

GEOL 33400 - Geomorphology: The Study of Beaches and Coasts

GER
3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip.

prereq: GEOL 23100 or PGEO 23100 or equiv. or perm dept.
3 hrs
3 cr.

GEOL 38000 - Advanced Oceanography: Physics of the Oceans

GER
3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean. Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.

prereq: one sem CHEM or PHYS, MATH 15000 or equiv.
3 hrs
3 cr.

GEOL 38300 - Special Topics in Geology and Oceanography
Intensive courses in various aspects of geology or oceanography. Topics to be announced.

**prereq:** 200-level course of which special topic is logical outgrowth; perm instr.

1-4 hrs (lec or lec/lab)

1-3 cr.

**GEOL 39300 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sems of geology, perm dept.

1-3 cr.

**GTECH 35100 - Field Techniques in Geography**

Observation and analysis of physical geography, biogeography and geomorphology of selected areas. Field geographic techniques such as ground-truthing of remotely sensed images, the use of maps, compasses and GPS to navigate. Fee for transportation, lodging and food allowance required.

Material Fee: $300-400

**prereq:** GTEC 20100, any two additional geography or geology courses, perm dept.

90 hrs field/lab work (3 days lab, 7 days field)

3 cr.

*Offered summer intersession (check with dept. in April).*

**PGEOG 36100 - Global Climatic Change**

Open to Jr/Sr only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.

**prereq:** PGEO 13000 or GEOL 10100 or 10500

3 hrs

3 cr.

**PGEOG 36300 - Environmental Hazards**

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.

**prereq:** PGEO 13000 or equiv.

**prereq or coreq:** PGEOG 13000 or equiv.
or other approved course

Other

A minimum of one lab* or field course** or other approved course with a field component is required

†PGEOG 25000 Earth System Science I (W) (while not counted toward the geology minor) is a prerequisite for PGEOG 36100.

Minors for Geography Majors

A minor course of study is no longer required at Hunter College. However, geography majors can elect to minor in any field of their choice. It is recommended, but not required, that the chosen field be related to the student's principal interest(s) in geography, and that the student consult with the Geography Undergraduate Adviser prior to selection of a minor course of study.

Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEOG or GTECH prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

Minor in Geology

A minor in geology consists of a minimum of 12 credits selected from courses with a GEOL prefix, or PGEOG 23100, or PGEOG 33400, or GTECH 35000. Prerequisites may apply. It is recommended that prospective geology minors consult with an undergraduate adviser from the Department of Geography.

Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000 (STEM), GEOL 10000, GEOL 10500, GEOL 18000; and
- at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100*, GEOG 22600, GEOL 28000, or GTECH 20100; and
- at least one course (minimum of 3 credits) from the 300-level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).

*PGEOG 25000 is a prerequisite for PGEOG 25100

Option in Social Studies within the Geography Major for Adolescent Education Teachers
In cooperation with The School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching social studies in grades 7 – 12. In addition to mandatory course work provided by the School of Education, interested students must complete the course of study outlined below. At least 18 credits of these courses or equivalents must be satisfactorily completed (grade of C or better) before the student enrolls in the social studies methods courses. Refer to the catalog section specific to programs in the The School of Education.

Transfer students who enter Hunter College with more than 90 credits or who will exceed 90 credits in completing the prerequisites for this option in the Geography major, cannot apply for the Adolescent Education program of the School of Education. They may still complete this option within the Geography major but must complete a Master of Arts degree in Adolescent Education before certification as a New York State teacher. While New York State recognizes the regular major in Geography for certification in Childhood Education, students interested in becoming certified as Social Studies-Adolescent Education teachers in New York State must complete this interdisciplinary course of study.

Prerequisites for the Major 9 credits

**HIST 15100 - The United States from the Colonial Era to the Civil War (W)**

**Hunter Core**
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000*

*3 hrs*

*3 cr.*

**HIST 15200 - The United States from the Civil War Era to the Present (W)**

**Hunter Core**
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000*

*3 hrs*

*3 cr.*

**GEOG 15000 - World Regions in Global Context**

**Hunter Core**
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A or D
GER
This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

*prereq: ENGL 12000*

3 hrs

3 cr.

*Offered fall and spring*

Requirements for the Major 36 credits

**ECO 10000 - Introduction to Economics**

**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

**GER**

2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.

ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

*prereq: Math/Writing Proficient/Non degree students*

3 hrs

3 cr.

**GEOG 24100 - Population Geography (W)**

**Pluralism and Diversity**

PD/B or C

**GER**

3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

*prereq: GEOG 10100 or GEOG 15000 and ENGL 12000*

3 hrs

3 cr.

**GEOG 25100 - Geography of the United States and Canada**
GER
2/B

Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges

prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr.

HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A

GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)

GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

1. Required courses (18 cr.)

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)

GER
1/C or 2/B
Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

praereq: ENGL 12000 (or equivalent)
praereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**ECO 10000 - Introduction to Economics**

*Hunter Core*
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings. ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).
praereq: Math/Writing Proficient/Non degree students
3 hrs
3 cr.

**GEOG 24100 - Population Geography (W)**

*Pluralism and Diversity*
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

praereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

**GEOG 25100 - Geography of the United States and Canada**

GER
2/B
Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges.

prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr.

**HIST 11100 - World History to 1500**

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 11200 - World History from 1500 to the Present**

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

2. One 3-credit course in cultural anthropology (ANTHC) or Sociology (3 cr)

- One 3-credit course in cultural anthropology (ANTHC) or Sociology (SOC) selected with approval of the Geography Undergraduate Adviser.

3. Elective Courses in History (6 credits)

- Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.
4. Elective Courses in Geography (9 credits, at least 6 credits at the 300-level)

GEOG 27000 - Regional Geography of Mexico, Central America and the Caribbean

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of Mexico, Central America and West Indies.
3 hrs
3 cr.

GEOG 27100 - Regional Geography of South America

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of South America.
3 hrs
3 cr.

GEOG 27500 - Regional Geography of Sub-Saharan Africa

Pluralism and Diversity
PD/A
GER
3/B

Analysis of the relationship of natural environment to economic, social and political life of Africa south of Sahara.
3 hrs
3 cr.

GEOG 27700 - Regional Geography of East Asia

Pluralism and Diversity
PD/A
GER
3/B

Analysis of East Asia's potentials in terms of natural resources, population, industry and agriculture, with emphasis on China.
3 hrs
3 cr.

GEOG 27800 - Regional Geography of Russia and Central Asia
Pluralism and Diversity
PD/A or D
GER
3/B

Analysis of the relationship of the natural environment to economic, social and political life of Russia, the former Soviet republics of Central Asia and Mongolia.
3 hrs
3 cr.

GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

GER
3/B

Open to Jr/Sr only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.

prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr.

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GEOG 34200 - Geography of International Migration and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.

prereq: GEOG 24100 or perm instr.
3 hrs
3 cr.

GEOG 24700 - Cultural Geography
This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

**Effective term 2016**

**prereq:** ENGL 12000, and GEOG 10100 -or- GEOG 15000

3 hrs

3 cr.

**GEOG 35700 - Geography of New York City and Vicinity**

This assessment of the role geography has played in the development and the functioning of the NYC Metropolitan Area. The region's physical site and situation, changing land use, population distribution, transportation patterns and environmental concerns. Active fieldwork required. (Alternative field assignments for students who have accessibility challenges documented with the Office of Accessability.)

Open to Jr/Sr only.

**prereq:** GEOG 10100 or GEOG 15000

3 hrs

3 cr.

**Offered fall.**

**Option in Social Studies within the Geography Major for Childhood Education Teachers**

In cooperation with the School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching in grades 1-6. Students may choose to complete the Geography - BA, in addition to successful completion of the QUEST program. Interested students may also choose to complete the course of study outlined below. The option in Social Studies for Childhood Education is available only to students who are accepted into the QUEST program.

Students not accepted to the QUEST program, or students not eligible to apply to the QUEST program, should complete the traditional Geography major outlined above. They must complete a Master of Arts degree in Childhood Education before being certified as a New York State teacher.

**Program Prerequisites (9 credits)**

**HIST 15100 - The United States from the Colonial Era to the Civil War (W)**

**Hunter Core**

US Experience in its Diversity (USED)

**GER**

1/C or 2/B
American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.

**HIST 15200 - The United States from the Civil War Era to the Present (W)**

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present. Courses at the 300-level and above not offered to freshmen.

**GEOG 15000 - World Regions in Global Context**

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A or D
GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

**Requirements for the Major (30 credits)**

**Required Courses (18 credits)**

**HIST 11100 - World History to 1500**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER 2/B
The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)
GER 2/B
The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER 3/B
Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the “mechanics” of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.
prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

GEOG 25100 - Geography of the United States and Canada

GER 2/B
Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges.
prereq: GEOG 10100 or GEOG 15000 or perm instr.
POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

2. Elective Courses in Geography (6 credits)

Choose any two of the following:

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GEOG 34200 - Geography of International Migration and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.

prereq: GEOG 24100 or perm instr.
**GEOG 24700 - Cultural Geography**

**GER**
3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

*effective term 2016*

*prereq: ENGL 12000, and GEOG 10100 or GEOG 15000*

3 hrs
3 cr.

**GEOG 35700 - Geography of New York City and Vicinity**

**GER**
3/B

An assessment of the role geography has played in the development and the functioning of the NYC Metropolitan Area. The region's physical site and situation, changing land use, population distribution, transportation patterns and environmental concerns. Active fieldwork required. (Alternative field assignments for students who have accessibility challenges documented with the Office of Accessability.)

Open to Jr/Sr only.

*prereq: GEOG 10100 or GEOG 15000*

3 hrs
3 cr.

*Offered fall.*

3. Elective Courses in History (6 credits)

Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.

**Track A: Urban and Social Geography (30 credits)**

Five courses from the list below (15 credits)

- GEOG 22100 Economic Geography and Globalization
- GEOG 24100 Population Geography (W)
- GEOG 24300 Urban Geography
- GEOG 24700 Cultural Geography
- GEOG 25000 Geographic Research Methods
- GTECH 20100 Introduction to Geographic Information Science
Two courses with a GEOG 30600 course number (6 credits)

- GEOG 30600 Special Topics in Contemporary Regional Geographies

Three courses with a GEOG 30500, GEOG 38300, or GTECH 38500 course number (9 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

- GEOG 30500 Special Topics in Urban and Regional Dynamics
- GEOG 38300 Special Topics in Geography
- GTECH 38500 GIS Applications

Note:

Most GEOG 30600 courses have GEOG 15000 or permission of instructor as a prerequisite. GEOG 30500 courses have GEOG 24300 or permission of instructor as a prerequisite. GTECH 38500 courses have GTECH 20100 as a prerequisite.

**Track B: Physical and Environmental Geography (30 credits)**

a) The following 15 credits

- PGEOG 21200 Geography of Soils and Vegetation
- PGEOG 25000 Earth System Science I (W)
- GEOL 23100 Principles of Geomorphology
- GTECH 20100 Introduction to Geographic Information Science
- GTECH 20300 Introduction to Remote Sensing

b) Five 300-level courses with a PGEOG, GEOL, and/or GTECH prefix with advice and approval of the undergraduate advisor as appropriate to student interests and professional goals (15 credits)

**Track C: Geographic Information Science (30 credits)**

The following 9 credits:

**GTECH 20100 - Introduction to Geographic Information Science**

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
GTECH 20300 - Introduction to Remote Sensing

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: $15
prereq: GTECH 20100
6 hrs (2 lec, 4 lab)
4 cr.

GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.

prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr.

The following 15 credits:

GTECH 30100 - Quantitative Methods in Geography

Open to Jr/Sr only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.
prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr.

GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

GTECH 32200 - Digital Image Processing

Course emphasizes the acquisition and nature of digital image data and the tools required to process and analyze remotely sensed data. Topics include: image preprocessing, spectral mixture analysis, image transformation, image classification and accuracy assessment, change detection, information extraction from LIDAR and radar. At least one application for each image processing method will be introduced. This is an advanced remote sensing course. The course includes lab exercises through which students will obtain hands-on experience in digital image processing. The labs include practical assignments and computer-based analysis of remotely-sensed images, and also field work to evaluate the results. The lab will use ENVI, an image processing software, together with the comprehensive data analysis tool IDL.
Material fee: $15.00
prereq: GTEC 32100, and multivariate statistics, elementary linear algebra or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

GTECH 36100 - GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geospatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee: $15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

GTECH 38000 - Introduction to Cartographic Design and Geovisualization

This course explores fundamental design concepts and considerations in map production and presentation in the context of GIS. Students will combine computer graphics and cartographic design principles to develop visual representations and analysis of geospatial information.

Material Fee: $15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

- Two additional 300-level GTECH courses with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

Note:

GTECH 30100 has GTECH 20100 and STAT 11300 or STAT 21300 as prerequisites. Selected GTECH 38500 courses have GEOG or PGEOG prerequisites in addition to GTECH 20100.

Track D: Sustainability Studies (30 credits)
Five courses from the list below (15 credits):

GEOG 22100 - Economic Geography and Globalization

GER
2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr.
Offered fall and spring

GEOG 24500 - Geography of Development

Introduction to geographic concepts, methods, and theories of development, as well as failures and challenges for development in a changing world.

prereq: ENGL 12000, and GEOG 10100 or GEOG 15000 or permission of instructor
3 hrs
3 cr.

GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15

WGSL 20017 - Globalization and Gender

Globalization has been the subject of intense debate within both academic and journalistic spheres. These debates have questioned whether globalization 'works for the greater good or not.' In this course we will examine globalization critically by looking at some of the academic debates. We will examine the claim that globalization has heralded the end of the nation-state, review the implications of globalization on gender and sexuality, and consider the formation of a 'global middle class.'

The following 9 credits:

GEOG 38300 - Special Topics in Geography
Open to Jr/Sr only. Topics to be announced.

prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr

GEOG 37000 - Geography of Sustainable Development in Developing Countries

Pluralism and Diversity
PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.

prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr.

GEOG 37100 - Rural Water Supply in Developing Regions

Pluralism and Diversity
PD/A
GER
3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.

prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr.

- Two courses with a GEOG 30500, GEOG 30600, GEOG 38300 or GTECH 38500 course number (6 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals
  * Note: GEOG 38328 Environmental Ethics is the required course; no other 38300 course will be acceptable.

German

Overview

The mission of the German Department is to teach German language, culture, and civilization in a professional, research-based manner, to help students develop a foundational knowledge of the German cultural and literary canon, to develop intercultural awareness and foster understanding between the Hunter as well as New York City communities
and the German-speaking countries, and to create and propagate knowledge and understanding about German language, literature and culture and also about the teaching of German language, literature and culture locally, regionally, and nationally. The department offers courses in the language, literature, and culture of German-speaking countries that are designed and sequenced to guide students from their current language proficiency levels through well-defined stages of proficiency in production and comprehension so that students will reach college-level literacy in German and excel in the field of German studies. Students who complete the elementary and intermediate courses can expect to reach the ability to function in everyday situations in German-speaking environments and to have a solid base for the upper-level study of German language, literature and culture. Students who complete advanced language, literature, and culture courses will gain an understanding and appreciation of German culture and civilization, past and present; they will comprehend spoken and written German to the level of understanding the classics of German prose, drama, and poetry; and will either have reached or will be well on their way towards reaching the linguistic and cultural capacity for engaging in intellectual discourse in written and spoken German.

**What can I do with my degree in German?**

Germany is the third-largest economy in the world, and German is the first language of over 95 million people worldwide. Students with a foundation in the language, literature, history, and intellectual revolutions of Germany are prepared to enter a wide variety of vocations. Majors continue to postgraduate study in Germany and the United States, enter law schools and other graduate programs and work in fields as diverse as environmental policy, journalism, arts management, consulting, and engineering, as well as in governmental and nongovernmental organizations and businesses. Some of our recent graduates have been hired by the Manhattan branches of the Goethe Institut and the German American Chamber of Commerce.

**Programs and Courses**

**Foreign Language Requirement**

1. Students who begin German as a new language will fulfill the foreign language requirement by taking 12 credits in the elementary/intermediate language sequence: GERMN 10100-GERMN 10200 (or GERMN 10300), GERMN 20100-GERMN 20200 (or GERMN 20300). Students who enter with one or more years of high school German must take all the credits they need so that they can pass GERMN 20200 (or GERMN 20300). Students who enter with four years of high school German will be exempted from the foreign language requirement (see the General Education - Effective Fall 2019 section of this catalog).

**Placement**

Students who have some knowledge of German should consult with one of the departmental advisers or the chair for placement in a class that is appropriate for them.

**Administration and Faculty**

Chair:

Lisa Marie Anderson
1408 West
Faculty

German Faculty

HEGIS Code: 1103

Degree Map for German

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a German Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core

English Comp (EC)

GER

1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

GERMN 10100 - Elementary German I

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners. GERMN 10100 not usually credited without GERMN 10200. For details about credit policy, please see Language Proficiency Requirement.
Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.

prereq: GRMN 10100 or equiv.
3 hrs
3 cr.

GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core
Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures.

(Conducted in English) Note: No knowledge of German required.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

*No "W" designation when offered in Winter Session

Sophomore Year
Fall

**GERMN 20100 - Intermediate German I**

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.

*prereq: GRMN 10200 or equiv.*

3 hrs
3 cr.

- US Experience in its Diversity
- Elective
- Elective
- Elective

Spring

**GERMN 20200 - Intermediate German II**

Grammar review and composition. Reading and discussion of selected literary texts.

*prereq: GRMN 20100 or equiv.*

3 hrs
3 cr.

- Elective
- Elective
- Elective
- Elective

Junior Year

Fall

- GERMN 301-498 Advanced Language, Literature, or Culture Course
- GERMN 301-498 Advanced Language, Literature, or Culture Course
- Elective
- Elective
- HCR Hunter Core Requirement Hunter Focus: Concentrated Study

Spring

- GERMN 301-498 Advanced Language, Literature, or Culture Course
- GERMN 301-498 Advanced Language, Literature, or Culture Course
- Elective
- Elective
- Elective

Senior Year
Fall

- GERMN 301-498 Advanced Language, Literature, or Culture Course
- GERMN 301-498 Advanced Language, Literature, or Culture Course
- Elective
- Elective
- Elective

Spring

- GERMN 301-498 Advanced Language, Literature, or Culture Course
- GERMN 301-498 Advanced Language, Literature, or Culture Course
- Elective
- Elective
- Elective

Notes:

- Students interested in Study Abroad should speak with a departmental advisor about summer programs, which carry a total of 6 credit hours, 3 that may be applied to the major and 3 that will count as elective credits. Semester-long and year-long study abroad is also possible.
- Students who complete the intensive language sequence (German 103 and 203) in their first year may move on to Advanced Language and Literature courses (German 301-302, 310, 320-339) in their sophomore year.
- At least 12 credits must be earned by taking advanced classes in German literature and culture (numbered 320-359; also 444). Three or more of these credits must be from level 2 literature courses (numbered 341-359; also 444). Majors are permitted to substitute one level 1 literature course (numbered 320-339) with a level 2 language course (numbered 385). Students are encouraged to consult a departmental advisor as early as possible to plan their course of studies in German.

German - BA

Students who complete a German major will gain an understanding and appreciation of German culture and civilization, past and present. They will comprehend spoken and written German to the level of understanding the classics of German prose, drama, and poetry. They either will have reached or will be well on their way towards reaching the linguistic and cultural capacity for engaging in intellectual discourse in written and spoken German.

Students who have some knowledge of German gained outside of Hunter College should consult Prof. Anderson, Prof. Kuhn-Osius, Prof. Nicolai, or Prof. Zimmerman regarding placement in the German major.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.
Courses Required for the Major (27-33 credits)

Elementary and Intermediate German Language Courses (0-12 credits)

**GERMN 10100 - Elementary German I**
Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

**GERMN 10200 - Elementary German II**
Continued practice in speaking, reading, writing and comprehending German.
*prereq: GRMN 10100 or equiv.*
3 hrs
3 cr.

**GERMN 20100 - Intermediate German I**
Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
*prereq: GRMN 10200 or equiv.*
3 hrs
3 cr.

**GERMN 20200 - Intermediate German II**
Grammar review and composition. Reading and discussion of selected literary texts.
*prereq: GRMN 20100 or equiv.*
3 hrs
3 cr.

**GERMN 10300 - Intensive Elementary German**
Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.
6 hrs
6 cr.

**GERMN 20000 - Intensive German 2 and 3**
*prereq: GRMN 10100*
6 hrs
6 cr.
**GERMN 20300 - Intensive Intermediate German**

Covers material of GERMN 201 and 202 in one semester.

*prereq: GERMN 10200, 10300 or equiv.*

6 hrs
6 cr.

*Note:* Between 3 and 12 credits of these courses may be waived if students have prior knowledge of German. Prior knowledge will be determined by a departmental placement test.

**Advanced Courses in German Language and Culture (21-27 credits)**

Students who begin their German study in college (GERMN 10100 and GERMN 10200 or equivalent on the transcript) must take an additional total of 21 credits in Advanced German Language and Culture Courses numbered GERMN 24000 and above. Students who began their German study before entering college (no GERMN 10100 and GERMN 10200 or equivalent on the transcript) must take a total of 27 credits in Advanced German Language and Culture Courses numbered GERMN 24000 and above. *Note: Only one course on German culture taught in English may be used to fulfill requirements for a German major.*

**Advanced courses in language, level I (30100 - 31200):**

**GERMN 30100 - Advanced German Comprehension and Conversation**

**GER**

3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing.

(Conducted in German)

*prereq: GERMN 20200 or 20300 or equiv.*

3 hrs
3 cr.

**GERMN 30200 - Advanced German Conversation and Composition**

**GER**

3/A

Intensive practice in speaking and writing German.

(Conducted in German)

*prereq: GERMN 20200 or 20300 or equiv.*

3 hrs
3 cr.

**GERMN 31000 - Advanced German Language Studies**

**GER**

3/A

Intensive language study in a German speaking country. May be repeated at different levels.

(Conducted in German)

*prereq: GERMN 20200 or 20300 or equiv.*
GERMN 31200 - Introduction to Business German

GER
3/A

Introduction to the specialized language of German business and economics and intensive practice in German terminology and style on such topics as banking and finance, the corporate structure and the European Union. (Conducted in German)

prereq: GERMN 30100 or perm instr.

3 hrs
3 cr.

Advanced courses in literature, level I (32000 - 33900):

GERMN 32000 - Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic. (Conducted in German)

prereq: GERMN 20200 or 20300 or equiv.

3 hrs
3 cr.

GERMN 32100 - Individual and Society in Modern German Literature

Pluralism and Diversity
PD/D
GER
3/A

The central conflict between individual liberty and societal constraints as reflected in short stories, novellas and plays by 20th century authors such as Kafka, Brecht, Böll and Frisch. (Conducted in German)

prereq: GERMN 20200 or 20300 or equiv.

3 hrs
3 cr.

GERMN 32200 - German Civilization

Pluralism and Diversity
PD/D
GER
3/A
Introduction to key topics in German history, politics, arts, literature and sciences.
(Conducted in German)
prereq: GERMN 20200 or equiv.
3 hrs
3 cr.

GERMN 32300 - Women in German Literature

Pluralism and Diversity
PD/C
GER
3/A

Reading and discussion of literature from the 19th century to the present written in German by and about women.
(Conducted in German)
preq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32400 - Post-Feminist German Literature and Film

Pluralism and Diversity
PD/D C
Reading and discussion of German literature and film written and produced by women at the end of the 20th and the beginning of the 21st centuries.
preq: GERMN 20200 or 20300 or equivalent
3 hrs
3 cr.

GERMN 32700 - Modern Swiss Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written in German by Swiss authors since the 19th century.
(Conducted in German)
preq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32800 - German Children’s and Adolescent Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33400 - The German Short Story and Novelle

Pluralism and Diversity
PD/D
GER
3/A

Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33500 - German Radio Plays: Hoerspiel

Pluralism and Diversity
GER 3/A PD/D
GER
3/A

Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33600 - German Lyric Poetry

Pluralism and Diversity
PD/D
GER
3/A

Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33900 - German Drama from Naturalism to Present

Pluralism and Diversity
PD/D
GER
3/A

Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke.
(Conducted in German)
Advanced courses in literature, level II (34000 - 35900):

**GERMN 34100 - German Drama from Age of Goethe to Naturalism**

Pluralism and Diversity  
PD/D  
GER  
3/A

Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.  
(Conducted in German)  
*prereq: one course numbered from GERMN 32000 to 35900 or equiv.*  
3 hrs  
3 cr.

**GERMN 34200 - The German Novel**

Pluralism and Diversity  
PD/D  
GER  
3/A

Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.  
(Conducted in German)  
*prereq: one course numbered from GERMN 32000 to 35900 or equiv.*  
3 hrs  
3 cr.

**GERMN 34300 - German Literature from Its Origins to the Age of Goethe**

Pluralism and Diversity  
PD/D

**GERMN 34400 - Readings in Classical Period of German Literature**

Pluralism and Diversity  
PD/D  
GER  
3/A

Discussion of selected works by Lessing, Goethe and Schiller.  
(Conducted in German)  
*prereq: one course numbered from GERMN 32000 to 35900 or equiv.*  
3 hrs  
3 cr.
GERMN 34500 - Literature of Weimar Republic

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary works and documents influential in German life between 1918 and 1933. (Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34600 - German Literature of the 1930s and 1940s

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written between the time of the Weimar Republic and 1945. (Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34700 - German Literature 1945-1995

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of German literature written between 1945 and 1995. (Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34800 - East German Literature (1945-1990)

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German Democratic Republic as a sovereign state. (Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.
GERMN 35000 - Austrian Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literature and culture of the fin-de-siècle Vienna.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 35300 - Goethe's Faust

Pluralism and Diversity
PD/D
GER
3/A

Intensive study of Goethe's Faust, Parts I and II.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 35900 - German Literary Seminar

Pluralism and Diversity
PD/D
GER
3/A

Seminar study of significant theme in German literature, German author or literary movement or genre. May be repeated with a different topic.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

Advanced courses in language, level II (all course numbers beginning with 38500);

GERMN 38501 - The German Press of Today: Reading and Understanding Newspapers and Magazines

GER
3/A

Reading and discussion of present-day German newspapers and magazines.
(Conducted in German) A varying selection of 38500 courses will be offered in alternate years in accordance with
student needs. Please consult the chair of the department or a departmental adviser for specific details.

prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)
3 hrs
3 cr.

GERMN 38502 - Advanced Business German

GER
3/A

Cross-cultural study and practicing of German business culture and language while studying Germany as global economic player. Topics such as corporate structure, management strategies, international marketing and labor relations.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq or coreq: GERMN 31200 or perm. instr.
3 hrs
3 cr.

GERMN 38503 - German Grammar for Upper-Level Discourse

GER
3/A

Study of German grammar from basic to complex structures. Intensive practice in control of grammatical forms at high levels of spoken and written discourse.
(Conducted in German)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: three courses above GERMN 30000 or equiv (excluding courses in English translation)
3 hrs
3 cr.

Special projects:

GERMN 44400 - Seminar Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Seminar study of literary topic or linguistic phenomenon. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 2000 or 20300 or equiv.
3 hrs
3 cr.

GERMN 49100 - Honors Project
Open to Jr/Sr only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

**GERMN 49200 - Independent Study in German**

Number of credits to be determined in advance in consultation with faculty member on basis of work planned.
(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm chair
1-3 cr.

**GERMN 49300 - Individual Studies Project in German Studies**

Individual research on German-studies topic under direction of faculty member. Written report required.
(Conducted in German)
prereq: perm chair
3 cr.

**GERMN 49800 - Internship**

(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm of chair
1-4 cr.

German Culture Courses Conducted in English:

**GERMN 24000 - German Thought and Culture: A Survey (W)**

- Pluralism and Diversity
- PD/D
- GER
- 2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective.
(Conducted in English) Note: No knowledge of German required.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

**GERMN 24100 - German Fairy Tales in Translation (W)**

- Hunter Core
- Creative Expression
- Pluralism and Diversity
- PD/D
- GER
- 2/C
Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures. (Conducted in English) Note: No knowledge of German required.

prereq or coreq: ENGL 12000
3 hrs
3 cr.
*No "W" designation when offered in Winter Session

GERMN 36300 - Goethe's Faust in English translation

GER
3/A

GERMN 37200 - Germany in the Twenties (W)

Pluralism and Diversity
PD/D
GER
3/A

Literature, art and politics in Germany between World War I and Third Reich, 1918-1933. (Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37300 - German-Jewish Love Stories in Literature and Film after 1945 (W)

Study of German literature and films that explore and (re)imagine relationships between non-Jewish and Jewish Germans during and after the Holocaust.
prereq: ENGL 12000
3 hrs
3 cr.

GERMN 37400 - Masterpieces of German Literature in English Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Discussion of some outstanding works of German literature. (Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37900 - Studies/Seminar Studies in German Literature in English Translation

Pluralism and Diversity
PD/D
GER
3/A

Discussion and analysis of literary movement, genre, major topic or important author.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

- HIST 33640 – Germany Since 1914
- HIST 34103 – Berlin: Capital of the 20th Century
- HIST 38461 – Hitler's Germany 1919-1945

PHILO 31800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

prereq: ENGL 12000 and two previous courses in philosophy
3 hrs
3 cr.

PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of 20th century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.

prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr.

PHILO 38068 - Kant (W)

GER
3A

Intensive study of the works and legacy of Kant.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38070 - Hegel (W)
Intensive study of the works of Hegel.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38076 - Marx (W)

Intensive study of the works and legacy of Marx (W)
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38078 - Nietzsche (W)

Intensive study of the works and legacy of Nietzsche.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

PHILO 38083 - Heidegger (W)

Intensive study of the works and legacy of Heidegger.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

POLSC 25400 - Government and Politics in Western Europe (W)

Pluralism and Diversity
PD/D
GER
3/B

Theory, practice, institutions and problems of Western European nations particularly Britain, France and Germany.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.
**POLSC 32200 - Social and Economic Policies in Western Europe and the United States (W)**

**Pluralism and Diversity**
PD/D
GER
3/B

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.

**prereq:** Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).

4 hrs
4 cr.

**Additional Information**

At least nine credits must be earned by taking advanced classes in German literature and culture (numbered 32000-35900; also 44400). At least six credits must be from level II courses (numbered 34000-38500; also 44400).

**Preparation for Teaching in Grades 7-12**

In cooperation with the School of Education, the program in German provides opportunities for students to prepare for a career in teaching German in grades 7-12. Students preparing to teach German must complete a 33-credit major option (Option 2) for teaching that includes the 24-credit sequence (Option 1) taken by non-teaching majors plus 9 additional credits: GERMN 39900 and 6 additional credits in advanced GRMN language and literature courses in the German Department between GERMN 30100 and GERMN 44400 or GERMN 24000, GERMN 24100 or 300-level courses related to German studies offered in other departments (with prior approval by the chairperson of the German Department). Students interested in teaching German in New York schools will take the 23-credit pedagogical sequence for grades 7-12 Languages Other than English: Chinese, French, German, Hebrew, Italian, Russian, Spanish (BA) Additional Coursework and Student Teaching along with the major in German. This sequence may count toward the course requirements for New York State Certification but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the School of Education. All students who want to pursue a teaching certificate in German must take an oral examination with the German Department. See the The School of Education section of this catalog for further information.

**Electives**

All courses offered are open to all qualified students as electives. For placement, consult a departmental adviser or the department chair.

**Honors, Tutorials**

Consult the department chair for these special programs. In order to graduate with departmental honors the student has to write an honors essay in the following. Please check under “Academic Honors” for exact details. Students who qualify can be elected to the German Honor Society Sigma Epsilon Phi. Please consult the department for exact requirements.

**GERMN 49100 - Honors Project**
Open to Jr/Sr only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)

_prereq: perm chair
3 cr.

Study Abroad

Summer study abroad programs, supported by scholarships, are open to students at all levels. Please contact the department chair for details.

Exchange Program with Pädagogische Hochschule Karlsruhe, Germany

The German Department has a semester-long or year-long exchange program with the Pädagogische Hochschule Karlsruhe. The department will help students seek financial support. Please consult the department for details.

Degree Map for German

Degree Map for German

Minor in German

Courses Required for the German Minor

Students with appropriate background may be exempted from some or all Elementary and Intermediate Courses. See department for proper placement.

Elementary and Intermediate German Language Courses (12 credits)

GERMN 10100 - Elementary German I

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.

_prereq: GRMN 10100 or equiv.
3 hrs
3 cr.

GERMN 20100 - Intermediate German I
Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.

**prereq:** GRMN 10200 or equiv.

3 hrs
3 cr.

**GERMN 20200 - Intermediate German II**

Grammar review and composition. Reading and discussion of selected literary texts.

**prereq:** GRMN 20100 or equiv.

3 hrs
3 cr.

**Note:**

**GERMN 10300 - Intensive Elementary German**

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.

6 hrs
6 cr.

**GERMN 20000 - Intensive German 2 and 3**


**prereq:** GRMN 10100

6 hrs
6 cr.

**GERMN 20300 - Intensive Intermediate German**

Covers material of GRMN 201 and 202 in one semester.

**prereq:** GRMN 10200, 10300 or equiv.

6 hrs
6 cr.

12 credits in language and literature taught in German at the 300-level or higher are required for the minor.

**GERMN 30100 - Advanced German Comprehension and Conversation**

**GER**
3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing. 
(Conducted in German)

**prereq:** GRMN 20200 or 20300 or equiv.
GERMN 38500 - Advanced Topics in German Language Study

Advanced study of a linguistic phenomenon or of German language for a particular purpose. May be repeated with a different topic or level. A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

*prereq or coreq: Will vary with topic*

Note:

At least 3 of the credits for a German minor must be earned by taking a literature class numbered between GERMN 32000 and GERMN 35900. Students who begin their study of German in college may count 6 credits of Intermediate German instruction towards the minor and will need to take two courses at the 300-level.

History

Overview

The study of history involves asking searching questions about how diverse societies, institutions, economies, cultures, and belief systems emerge, change, and develop over time. Thinking through these issues provides perspective on human lives in the present as well. Training in historical writing and research enables students to understand the contemporary world. History is the record of human experience. Its study is a first step in learning about ourselves and our society — about economics and politics, psychology and sociology, mathematics and science, the arts and the humanities. Beyond the purely practical consideration of a profession, the study of history is exciting in its own right. The History Department offers courses in the history of the United States, the ancient world, medieval and modern Europe, Russia, Jewish studies, the Middle East and Islamic world, Latin America, Africa, East Asia and South Asia, as well as many comparative topics in political, intellectual, and world history.

What can I do with my degree in History?

For students whose undergraduate major is history, career opportunities are numerous and varied. Medical, law and other professional schools favor applicants with history majors because of their broad background and research skills. Moreover, while teaching has long been a popular goal for history majors, positions in government (local, state and national), publishing, museums, public relations, advertising, media/communications, business and management also await those students whose human perspective, critical thinking skills, and intellectual discipline have been developed in history classes.

Programs and Courses

Programs and Courses in History
Administration and Faculty

Chair:
Mary Roldán
1515 West Building
(212) 772-5488
e-mail: mrol@hunter.cuny.edu

Department Office:
Carol Adams, Administrative Assistant
1512 West
(212) 772-5480
http://hunter.cuny.edu/history
Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM

Faculty
History Faculty

HEGIS Code: 2205

Degree Map for History

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a History major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.
- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Life and Physical Sciences

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.
- Creative Expression
- Foreign Language Elementary Level 2
- HIST 100 or 200 Level Elective
- Elective

Sophomore Year

Fall
- Individual and Society/ Social Sciences
- Scientific World
- Foreign Language Intermediate Level 3
- HIST 100 or 200 Level Elective
- Elective
Spring

HIST 29000 - History Practicum (W)

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more self-directed, substantial and independent historical research projects in the future.

prereq: ENGL 12000; 6 cr in history and permission of the department
3 hrs.
3 cr.

- Individual and Society/ Social Sciences
- World Cultures & Global Issues
- Foreign Language Intermediate Level 4
- HIST 200 Level Elective

Junior Year

Fall

- HIST 29000 History Practicum (W)
- HIST 200 or 300 Level Elective
- Elective
- Elective
- Elective

Spring

- HIST 300 Level Elective
- Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- HIST 30000 Historical Research (W) or HIST 40000 Historical Research [H] or Elective
- HIST 300 Level Elective
- Elective
- Elective
- Elective

Spring
• HIST 300 or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Notes:

• Students must complete a minimum of 6 HIST credits within each of the following geographical fields: United States history, European history (includes Russia and the USSR), and World/Non-Western (Asia, Africa, and Middle East)/Latin American history.
• A maximum of 9 credits in 100-level courses may be applied to the major.
• A minimum of 18 credits in advanced-level courses distributed as follows:
  o 6 credits in 200-level courses (not including HIST 29000)
  o 9 credits in 300-level courses or higher (including HIST 30000/HIST 40000)
• **HIST 29000 - History Practicum (W) Majors must have passed 9 credits of HIST-designated courses before enrolling in HIST 29000. No more than 6 of the 9 credits required for HIST 29000 enrollment may be at the 100 level. A minimum grade of C is required to receive credit for HIST 29000. The Department strongly suggests students take the Practicum in the sophomore year, but recognizes that transfer students will not have had an opportunity to do so, but should be encouraged to take it the Fall semester of their Junior year.
• Chronological Distribution: Within the requirements for the major (exclusive of HIST 300) students must also complete a minimum of 3 credits in a course that is largely focused on years prior to 1815:
  o If the course is at the 100-level, it must cover material that is entirely pre-1815.
  o If the course is at the 200-level or higher, the majority of the material in it must be pre-1815.

History - BA

The study of the human past expands our understanding of what it is to be human. History courses may offer overviews that sweep across centuries and continents, or focus on the history of a nation, a demographic group, a social, environmental, political, economic or cultural topic, or even the life and times of a single individual, but all are united in seeking to inculcate an evidence-based critically-informed understanding of our past. Historical knowledge is key to understanding continuity and change in societies, in systems of knowledge and belief, in technologies, and in cultures. History students learn to find and interpret primary sources, and to rigorously analyze the historical writings of others. Working with department faculty students learn to plan, research and write historical papers of their own, to craft convincing arguments and to convey them in effective and compelling language. This knowledge and these skills are valued within and without the field of academic history, and history graduates have gone on to successful careers in business, government, public interest fields, journalism, and other professions, or have continued their studies in graduate or law schools.

Hunter Core Requirement

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student’s advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the History major, the courses that meet CCCR are:
<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 11100</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 11200</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 12100</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 12200</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 15100</td>
<td>US Experience in its Diversity (USED)</td>
</tr>
<tr>
<td>HIST 15200</td>
<td>US Experience in its Diversity (USED)</td>
</tr>
<tr>
<td>HIST 20800</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 27700</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 27800</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (30 credits)

1. A maximum of 9 credits in 100-level courses may be taken.

2. A minimum of 18 credits in advanced-level courses distributed as follows:
   - 6 credits in 200-level courses (not including HIST 29000)
   - 9 credits in 300-level courses or higher (not including HIST 30000/HIST 40000)

3. History Practicum

**HIST 29000 - History Practicum (W)**

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more self-directed, substantial and independent historical research projects in the future.
prereq: ENGL 12000; 6 cr in history and permission of the department
3 hrs.
3 cr.

Majors must have passed 9 credits of HIST-designated courses before enrolling in HIST 29000. No more than 6 of the 9 credits required for HIST 29000 enrollment may be at the 100 level.

A minimum grade of C is required to receive credit for HIST 29000

4. Historical Research or Historical Research Honors

HIST 30000 - Historical Research (W)

GER
3/B

Independent research related to a prior upper-level course already completed under the supervising instructor. The research will result in an extensive paper.

Courses at the 300-level and above not offered to freshmen.

prereq: HIST 29000 and departmental permission
3 hrs
3 cr.

5. Geographic Distribution:

Within the requirements for the major (exclusive of HIST 30000) students must complete a minimum of 6 credits in each of the following geographic fields:

1. United States history
2. European history (includes Russia and the U.S.S.R.)
3. World/Non-Western history (includes Asia, Africa, Middle East, Latin America).

6. Chronological Distribution:

Within the requirements for the major (exclusive of HIST 30000) students must also complete a minimum of 3 credits in a course that is largely focused on years prior to 1815:

- If the course is at the 100-level, it must cover material that is entirely pre-1815.
- If the course is at the 200-level or higher, the majority of the material in it must be pre-1815.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Honors in History

Students will be eligible for honors in history upon the completion of all of the requirements for the major (including HIST 30000) with a 3.5 GPA and a 3.0 cumulative GPA at the time of graduation. In order to receive honors students
may complete a portion of their major requirements in one of the following ways. (Choose one of the following options 1, 2 or 3):

1. completing HIST 40000 with a grade of B or better in lieu of HIST 30000, which is required for the major

2. completing 3 credits with a grade of B or better in an honors seminar, problems course, or tutorial (with departmental permission) in lieu of one of their 300-level or higher courses required for the major. Such seminars, honors courses, or tutorial options include:
   - HIST 48300 Problems in U.S. History (Honors) (W)
   - HIST 48400 Problems in European History (Honors) (W)
   - HIST 48500 Problems in Non-Western History (Honors) (W)
   - HIST 49300 Individual Tutorial Research Project

   Note: the student must still complete HIST 30000 or HIST 40000.

3. completing a graduate-level course (with special permission from the instructor) with a grade of B or better in lieu of one of their 300-level or higher courses required for the major. Note: the student must still complete HIST 30000 or HIST 40000. Eligible students should apply for honors at the time they file for graduation. Applications are available from the department.

Graduate Study

Qualified students in their junior and senior years may be admitted to graduate courses with the approval of the department chair.

Degree Map

Degree Map for History

Minor in History

Students majoring in disciplines other than history may elect a minor in history. The history minor consists of 12 credits. The minor in History is flexible and thus it can provide depth to a variety of majors; students can tailor the minor to suit best their individual interests.

Requirements

1. Four history courses of 3 credits each (or 12 credits total) taken for a letter grade (C or better. Courses taken for a grade of Credit/No Credit will not count toward the minor.)

2. Courses must be distributed in at least two geographic fields, i.e. at least one course (3 credits) must be taken in a geographic area different from the other three. (Currently, the geographic areas are defined as U.S., European and World/Non-Western.)

3. At least two courses (6 credits) must be at the 300-level or above. Internships do not count toward completion of the minor, although students completing the minor may elect to include an internship as an additional course. Independent studies (tutorials) and HIST300 are available only to History Majors and, thus, do not count toward the minor.

4. At least two of the courses (or 6 credits) must be taken in the History Department at Hunter College. Courses taken in other disciplines will not count toward the minor unless cross-listed and taken under the appropriate HIST course code. Transfer courses must be approved by the History Undergraduate Advisor.

There are no prerequisites for the minor, although certain courses may have their own prerequisites.

Declaring a Minor in History
Students are advised to declare their minor by the beginning of the upper junior semester, but must do it prior to their final semester (that of graduation). Declaration requires a planning session with the History Undergraduate Advisor and completion of the Major/Minor Declaration Form (to be obtained from the One Stop).

**Human Biology**

**Overview**

**Programs and Courses**

Programs and Courses in Human Biology

**Administration and Faculty**

**Affiliated Faculty**

**Human Biology - BA**

Human Biology is a multidisciplinary major that provides students with a curriculum that emphasizes the analysis of humanity in a holistic framework that includes behavioral, cultural, social, and biological approaches. This major will guide students towards an integrated view of humans and our biology through a wide array of courses from departments including Anthropology, Biological Sciences, Psychology, Sociology, and Urban Public Health. The Human Biology major curriculum is built on a core foundation of courses in biology, anthropology, and statistics. Students will then choose one of the following three specialized tracks: Track I. Body, Mind, and Health, which emphasizes biological knowledge within the context of human biology, with coursework that addresses how social factors have an impact on humans and human health; Track II. Human Evolution and Variation, which emphasizes humans as an evolved species that is part of the natural world, with coursework focusing on physical anthropology; and Track III. Human Organizations, which emphasizes social phenomena, with coursework from multiple social science disciplines. Finally, students will complete a capstone course in human biology (HMBIO 40100), where they will analyze some of the key contemporary topics and issues in human biology from multiple vantage points. The knowledge and skills obtained by Human Biology majors will prepare students well for a range of future careers and educational paths, including graduate school in the sciences or social sciences; medical, public health, and allied health graduate training (possibly requiring additional course work); and careers in natural or social sciences research or related fields.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHC 10100</td>
<td>Individual and Society (SS)</td>
</tr>
</tbody>
</table>
Courses Required for the Major (36-47 credits)

Students will be required to have C- or Credit grades or better in the Core Sequence to continue in the major. Transfer students will be required to take ANTHP 10500 and receive a C or better to continue in the major. Students may place out of MATH 10100, MATH 10150, MATH 101EN, MATH 14000, MATH 12500 (STEM),MATH 12550 (STEM), MATH 15000 (STEM) and MATH 15500 (STEM) requirements. See the Department of Mathematics and Statistics for details. Students with appropriate background may be exempted from some Chemistry or Biology introductory courses. See Human Biology Advising for proper placement.

A. Core Requirements (19-27.5 credits)

1. Introductory Course in the Major (3 credits)

**ANTHP 10500 - The Human Species**

Hunter Core
Life and Physical Sciences (LPS)
GER
2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy,
physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes ("nature") and environment ("nurture"), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution.

3 hrs
3 cr.

2. Required Math Courses (0-8 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)
3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.*

*Not open to students who have taken MATH 12500 or MATH 12550.*

4 hrs
4 cr.

3. Choose One Biology Sequence (9-13.5 credits)

...
Note: Students who transfer in BIOL 10000 (STEM) or BIOL 12000 are not required to complete CHEM 10200 (STEM), CHEM 12000 (STEM) or CHEM 12100 (STEM)

a) Option 1

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

**spring only**

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

**fall only**

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**
2/E
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

Prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

b) Option 2

BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
Prereq: CHEM 10000, 10100
Coreq: CHEM 12000, 12100
7 hrs (3 hr Lecture, 1 hr Recitation, 3 hr Lab)
4.5 cr.
Fall only

BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, excretory, endocrine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program.
Not accepted for credit toward the biology major.
Prereq: BIOL 12000 or equiv.
7 hrs (3 hr Lecture, 1 hr Recitation, 3 hr Lab)
4.5 cr.
Spring only

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

Hunter Core
Life and Physical Sciences (LPS): Scientific World (SW)
Pluralism and Diversity
GER 2/E
Course presents essential facts, laws and theories of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

Prereq: CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry.
Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

**prereq:** CHEM 10100
**prereq or coreq:** CHEM 12000
3 hrs (3 lab)
1.5 cr.

4. Choose One Statistics course

**STAT 11300 - Elementary Probability and Statistics**

**Hunter Core**
Math/Quantitative Reasoning
GER 1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

---

**prereq:** A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
**prereq or coreq:** ENGL 12000
3 hrs
3 cr.

* Note: These courses may be counted for credit in more than one program.

B. One of the Following Three Tracks

Choose ONE of the following THREE Tracks and complete 18 credits of coursework within that track (9 of the 18 credits must be at the 300+ level. The 18 credits must come from more than one department)

**Track I: Body, Mind, & Health**

**ANTHP 30200 - Human Genetics**

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.

---

**prereq:** ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr.

**ANTHP 30500 - Evolution of the Human Skeleton**

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved. This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the
first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.

_prereq:_ ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).

3 hrs.

3 cr.

**ANTHP 30600 - Human Anatomy**

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.

_prereq:_ ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 102 (Principles of Biology 2) or BIOL 12200 (Anatomy & Physiology 2).

3 hrs.

3 cr.

**BIOL 12500 (STEM) - Human Biology**

_Hunter Core_

Life and Physical Sciences (LPS); Scientific World (SW)

**GER**

2/E w/ lab

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

*6 hrs*

*4.5 cr.*

*spring only*

**BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)**
**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)
**GER**
GER 2/E with lab

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes.

Required for this course is a 10 minutes PowerPoint presentation in groups in four students. In order to prepare for the presentation, a two page outline from each student is expected. In addition, a group assignment of less than 5 pages long will be assigned as preparation of the presentation. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. Further research for this project is encouraged using library materials or the WWW to provide supplemental information, ideas and images. The laboratory component of the course requires that students record their data, observations, and answer discussion questions (in a short answer format). The completion of their laboratory manual will constitute part of the laboratory grade.

6 hrs
4.5 cr.
fall only

**BIOL 22000 - Topics in Genetics and Evolution**

**GER**
3/B


*prereq: BIOL 10000 or equiv.*
3 hrs
3 cr.
spring only

**BIOL 25000 - Current Topics in the Biosciences (W)**

**GER**
3/B

Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political and ethical issues associated with each topic. This course will also examine how government agencies (eg. FDA, USDA, EPA) use science to form public policy.

*prereq or coreq: ENGL 12000 or equiv, and 2 sems intro lab science or equiv, or perm instr*
3 hrs
3 cr.
fall only

**BIOL 30400 - Environmental Microbiology**
Role of microorganisms in normal and polluted environments: bioremediation, waste and water treatment, heavy metals, nutrient cycles, microbes as a food source, algal toxins, microbial pesticides, microbial indicators of mutagens and pollutants, microbial leaching of ores.

prereq: BIOL 10000, 10200, 20000 or perm instr.
3 hrs
3 cr.

BIOL 37600 - Endocrinology

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.

prereq: BIOL 20200 or perm instr.
3 hrs (lec)
3 cr.
spring only

PH 30300 - Social Structure and Health (W)

An exploration of the roles of economic structure and social linkages that shape health -- including power relations, interactions between subgroups within society, and tensions within groups over institutional control and individual agency.

prereq: acceptance to the PH major, or permission of the instructor
3 hrs
3 cr.

PH 30600 - Social Disparities in Health

In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalities. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.

prereq: PH 30100
3 hrs
3 cr.

PH 32800 - Public Health Biology

Introduction to population biology and ecological principles underlying public health and the relationship of biology to public health. Offers a basic understanding of the biological basis of core public health issues including infectious diseases, vaccines, genetic illnesses, neoplastic processes and environmental illnesses.

Minimum GPA to enroll - 2.75
prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100, or equivalent.
PH 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.
Minimum GPA to enroll - 2.75
prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.
3 hrs
3 cr.

PH 40500 - Health Care Systems and Health Policy

Overview of U.S. health care system, official and voluntary agencies; introduction to administrative skills, especially those skills necessary for working the the health care field.
prereq: PH 30100
3 hrs
3 cr.

NFS 13100 - Food Science I

Basic principles of the chemical and physical nature of foods, food sanitation and safety; the nutritional value of food in relation to storage, processing and preparation.
Open to all students.
3 hrs
3 cr.

NFS 14100 - Nutrition

Hunter Core
Scientific World (SW)
Fundamentals of the science of nutrition as they apply to individuals and society.
Open to all students.
3 hrs
3 cr.

NFS 33200 - Cultural Aspects of Food and Nutrition

Study of the way in which cultural, social and technological factors influence food behavior and dietary patterns.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100, ANTHP 10100, SOC 101)
3 hrs
3 cr.

NFS 34200 - Nutrition and Human Development

Nutritional needs throughout the life cycle: pregnancy, infancy, childhood, adolescence, adulthood and later years.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
NFS 44100 - Community Nutrition

Analysis of nutrition services, legislation and policy; role and function of community nutritionists; nutrition education in a community setting.
Open to NFS majors only and need department permission.
prereq: NFS 13100, 14100
3 hrs
3 cr.

PHILO 25400 - Ethical Issues in Biology and Medical Care (W)

GER
3/B
Treats issues such as abortion, euthanasia, extraordinary means, confidentiality, human experimentation, genetic control and allocation of limited life-saving therapy.
prereq: ENGL 12000
3 hrs
3 cr.

PSYCH 10000 - Introduction to Psychology

GER
2/B
An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.

PSYCH 15000 - Human Development

GER
2/B
Development from conception to death; biological, physiological and social factors and their interactions at each stage.
prereq: PSYC 10000
3 hrs
3 cr.

PSYCH 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C
GER
2/B
Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

cross-listed WGSS 17000

prereq: PSYCH 10000

3 hrs

3 cr.

**PSYCH 18000 - Brain and Behavior**

GER

2/B

Brain structure, function and relation to behavior. Topics include the neural basis of perception, learning and memory, consciousness, motivation, emotion.

prereq: PSYC 10000

3 hrs

3 cr.

**PSYCH 21000 - Child Development**

GER

3/B

Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)

Writing Intensive

prereq: PSYCH 10000 and any other 3 cr PSYCH course

prereq or coreq: ENGL 12000

3 hrs

3 cr.

**PSYCH 22300 - Abnormal Psychology**

GER

3/B

Consideration of psychological abnormalities; symptoms, etiology, diagnostic procedures and therapy.

Writing Intensive

prereq: PSYCH 10000 and any other 3 cr PSYCH course

prereq or coreq: ENGL 12000

3 hrs

3 cr.

**PSYCH 22400 - Neuroscience**

The aim of this course is to introduce you to the biological and physiological aspect of the science of Psychology. Biopsychology is the subarea of Psychology that takes a biological approach to understanding behavior. Biopsychologists study the biological events - genetic, neural, endocrine- that underlie each and every one of our thoughts, feelings, and actions. This course will explore what is currently known about the biological basis of emotional responses, mental illness, sexual behavior, memory, states of consciousness, sensory perception, thought and
language, and several neurological disorders.

**PSYCH 23500 - The Psychology of Women**

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensive cross-listed WGSP 23500 (W)
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

**PSYCH 24200 - Health Psychology**

GER
3/B

Psychological and behavioral factors related to physical illness and health promotion, including such areas as aging, stress and coping, pain, addiction and eating disorders.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

**SOC 30100 - Medical Sociology**

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.
prereq: SOC 10100
3 hrs
3 cr.

**WGSP 25100 - Women and Health**

Pluralism and Diversity
PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.
cross-listed HED 20100
3 hrs
3 cr.
Track II: Human Evolution and Variation

ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10200 (STEM) - Human Variation

Hunter Core
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
GER
2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 21000 - Biology of the Living Primates

This survey-based course will examine the diversity of the Order: Primates. The course will focus on the habitats, life history, ecology, behavior, and conservation of the living primates from an evolutionary perspective.

3 hrs
3 cr.

ANTHP 30100 - Human Fossil Record

Pluralism and Diversity
PD/C
GER
3/B

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.
prereq: ANTHP 10100, 10200, or equiv.

3 hrs
3 cr.

ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
3 hrs
3 cr.

ANTHP 30500 - Evolution of the Human Skeleton

The goal of this course is to understand the biology of the human skeleton: know all of the bones of the human body, how they work, and how they evolved This course will cover basic bone and muscle biology, bone and bone landmark identification, basic dental anatomy, basic functional interpretation, and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory-type setting where students can handle and work with real osteological specimens and/or fossil casts. Occasionally, the first half of a class period will be a lecture, and the second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.

prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 10200 (Principles of Biology 2).
3 hrs.
3 cr.

ANTHP 30600 - Human Anatomy

The goal of this course is to understand basic human anatomy: know all of the bones, muscles, major nerves and vessels in the human body, how they are organized, and how they function. Typically, there will be two class periods spent on a given topic: the first class meeting will be a lecture and the second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.

prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or ANTHP 10200 (Intro. to Physical Anthropology: Human Variation) or ANTHP 10500 (The Human Species) or BIOL 102 (Principles of Biology 2) or BIOL 12200 (Anatomy & Physiology 2).
3 hrs.
3 cr.

ANTHP 31000 - Primate Ecology and Behavior

GER
3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species.

prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200
ANTHP 31100 - Primate Evolution

GER
3/B

65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.

prereq: ANTHP 10100 or perm instr.

3 hrs
3 cr.

ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.

prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500

3 hrs
3 cr.

ANTHP 31600 - Human Evolutionary Adaptations

GER
3/B

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.

prereq: ANTHP 10100 or ANTHP 10500

3 hrs
3 cr.

ANTHP 31800 - Primate Nutritional Ecology

This course will examine how primates meet their nutritional needs through interactions with their environments. From an evolutionary perspective, the course will address primate feeding and digestion, foraging theory and dietary methods.

prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or BIOL 10200 (Principles of Biology 2) or ANTHP105 (The Human Species) or ANTHP 21000 (Biology of the Living Primates

3 hrs.
3 cr.

BIOL 12500 (STEM) - Human Biology

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

GER
An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs
4.5 cr.

BIOL 22000 - Topics in Genetics and Evolution

GER
3/B


prereq: BIOL 10000 or equiv.

3 hrs
3 cr.

spring only

PSYCH 15000 - Human Development

GER
2/B

Development from conception to death; biological, physiological and social factors and their interactions at each stage.

prereq: PSYC 10000

3 hrs
3 cr.

PSYCH 16000 - Evolution and Behavior

GER
2/B

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.

prereq: PSYC 10000

3 hrs
3 cr.

PSYCH 17000 - Psychology of Human Sexuality

Pluralism and Diversity

PD/C

GER
Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.  
*cross-listed* WGSS 17000  
*prereq:* PSYCH 10000  
3 hrs  
3 cr.

**PSYCH 22500 - Ethology: Animal Behavior**

**GER**  
3/B  
Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison. Writing Intensive  
*prereq:* PSYCH 10000 and any other 3 cr PSYCH course  
*prereq or coreq:* ENGL 12000  
3 hrs  
3 cr.

**PSYCH 23500 - The Psychology of Women**

**Pluralism and Diversity**  
**PD/C**  
**GER**  
3/B  
Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power. Writing Intensive  
*cross-listed* WGSP 23500 (W)  
*prereq:* PSYCH 10000 and any other 3 cr PSYCH course  
*prereq or coreq:* ENGL 12000  
3 hrs  
3 cr.

**Track III: Human Organizations**

**ANTHC 10100 - Introduction to Cultural Anthropology**

**Hunter Core**  
Individual and Society (Social Sciences) - I&S SS  
**Pluralism and Diversity**  
**PD/A**  
**GER**  
2/B  
Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.  
3 hrs  
3 cr.  
offered every sem.
ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs
3 cr.
offered every sem.

ANTHC 12700 - Methods In Archaeological Science

Hunter Core
SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23200 - Archaeology of South America and the Caribbean

GER
3/B

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 30100 - Gender in Anthropological Perspective

Pluralism and Diversity
PD/C
GER
3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.
cross-listed WGSC 30100
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

ANTHC 30800 - Human Ecology

Pluralism and Diversity
PD/A
GER
3/B
Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.

*prereq: ANTHC 10100 or perm instr.*

*3 hrs*

*3 cr.*

**ANTHC 30900 - Countryside and City: Comparative Perspectives**

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.

*prereq: ANTHC 10100 or perm instr.*

*3 hrs*

*3 cr.*

**ANTHC 31200 - Anthropological Approaches to Sexuality**

*Pluralism and Diversity*

*PD/C*

*GER*

*3/B*

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.

*prereq: ANTHC 10100*

*3 hrs*

*3 cr.*

**ANTHC 31500 - Applied Anthropology**

*GER*

*3/B*

Practical applications of theory and methods to contemporary social problems; community development; inter-cultural relations.

*prereq: ANTHC 10100 or perm instr.*

*3 hrs*

*3 cr.*

**ANTHC 32700 - Prehistoric Cultural Ecology**

*GER*

*3/B*

Survey of selected problems in human evolution and adaptation from an ecological perspective.

*prereq: ANTHC 12600 or perm instr*

*3 hrs*

*3 cr.*

**GEOG 24100 - Population Geography (W)**
Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the “mechanics” of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

_prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

PSYCH 10000 - Introduction to Psychology

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.

PSYCH 17000 - Psychology of Human Sexuality

Pluralism and Diversity
PD/C
GER
2/B

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.
cross-listed WGSS 17000
_prereq: PSYCH 10000
3 hrs
3 cr.

PSYCH 19000 - Development of Gender Roles

Pluralism and Diversity
PD/C
GER
2/B

Social, cognitive, hormonal and personality factors in development of gender roles; determinants of behavioral and cognitive gender differences.
cross-listed WGSS 19000
_prereq: PSYCH 10000
3 hrs
3 cr.

PSYCH 23000 - Social Psychology

GER
3/B

Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.
Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 23500 - The Psychology of Women

Pluralism and Diversity
PD/C
GER
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensive
cross-listed WGSP 23500 (W)
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

SOC 10100 - Introduction to Sociology

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.
3 hrs
3 cr.

SOC 20100 - The Family

Pluralism and Diversity
PD/C
GER
3/B

Family functions and interaction. Factors affecting stability and instability.
cross-listed WGSP 22300
prereq: SOC 10100
3 hrs
3 cr.

SOC 21700 - Race and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.
prereq: SOC 10100
3 hrs
3 cr.

SOC 25100 - Interpersonal Behavior

GER
3/B

Study of interactional processes and the emergence and maintenance of selves and identities.
prereq: SOC 10100
3 hrs
3 cr.

SOC 25700 - Sex and Gender Roles

Pluralism and Diversity
PD/C
GER
3/B

Sex role differentiation: femininity, masculinity, marriage, child rearing.
cross-listed WGSS 25700
prereq: SOC 10100
3 hrs
3 cr.

SOC 30100 - Medical Sociology

GER
3/B

Social and cultural factors related to health. Organization of health care services, social structure of the hospital.
prereq: SOC 10100
3 hrs
3 cr.

SOC 30700 - Migration
Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
*prereq:* SOC 10100
3 hrs
3 cr.

**SOC 31100 - Population Dynamics**

GER
3/B

Comparative analysis of fertility, mortality, migration trends, and related social factors.
*prereq:* SOC 10100
3 hrs
3 cr.

**SOC 31700 - Class, Status, and Power**

GER
3/B

Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.
*prereq:* SOC 10100
3 hrs
3 cr.

**SOC 36100 - Development and Globalization (W)**

Pluralism and Diversity
PD/A
GER
3/B

This course will examine the effort of poor countries to achieve economic and social development, and the possible outcomes of that effort. Effects on social relations and the living standards of the poor majority; the purposes of development, the strategies for development that have been adopted, and the theories which attempt to explain why countries do or do not grow economically.

*prereq:* SOC 10100
3 hrs
3 cr.

**C. Human Biology Senior Capstone**

- HMBIO 40100 Human Biology Senior Capstone
Optional Courses

- Independent Study (HMBIO402*) (1-3 Credits)
- Internship (HMBIO 403*) (1-3 Credits)
*(These do not count towards the credits listed above.)

Honors Requirements

Complete Independent Study (HMBIO402*) (3 Credits) or Internship (HMBIO 403*) (3 Credits) AND Overall GPA 3.0 or higher AND Human Biology Major GPA 3.5 or higher.

Degree Maps for Human Biology

Degree Map for Human Biology BA (Biology Sequence Option 1: Principles of Biology and General Chemistry)
Degree Map for Human Biology BA (Biology Sequence Option 2: Anatomy & Physiology, and Essentials of Organic Chemistry)

Jewish Studies

Overview

Jewish Studies is an inter-departmental, multi-disciplinary program offering a 24-credit major leading to a BA degree in Jewish Studies with courses in such fields as history, Hebrew language and literature, English and other literatures, religion, sociology, and political science. It also offers independent study and fieldwork on Jewish subjects and a 12-credit minor.

What can I do with my degree in Jewish Studies?

Graduates continue to careers in education, law, business, religious life, academics, politics, publishing and the arts. Jewish Studies majors are well-prepared to apply for graduate studies in many fields.

Programs and Courses

Program and Courses in Jewish Studies

Administration and Faculty

Program Office:
1328 West
(212)772-5097

Program Director:
Faculty

Jewish Studies Faculty

HEGIS Code: 0309

Degree Map for Jewish Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Classical Archaeology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Individual and Society/ Social Sciences
- US Experience in its Diversity
- Foreign Language Elementary Level 1

Spring

ENGL 22000 - Introduction to Writing about Literature (W)
**Hunter Core**  
English Comp (EC)  
GER  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

*3 hrs + one additional conference hour*

*3 cr.*

- Scientific World
- Individual and Society/ Humanities
- World Cultures & Global Issues
- Foreign Language Elementary Level 2

**Sophomore Year**

**Fall**

**HIST 20800 - History of the Jews**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
**Pluralism and Diversity**  
PD/A  
GER  
2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

*prereq or coreq: ENGL 12000*

*3 hours*

*3 credits*

- Life and Physical Sciences
- Foreign Language Intermediate Level 3
- Elective
- Elective

**Spring**

**HEBR 22200 - Introduction to Jewish Texts and Writings**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.

*prereq or coreq: ENGL 120*

*3 hours*

*3 credits*

- Creative Expression
• Foreign Language Intermediate Level 4
• Elective
• Elective

Junior Year

Fall

• Jewish Studies Elective
• Jewish Studies Elective
• (W) Pluralism and Diversity B, C or D
• Elective
• Elective

Spring

• Jewish Studies Elective
• Jewish Studies Elective
• Pluralism and Diversity B, C or D
• Elective
• Elective

Senior Year

Fall

• Jewish Studies Elective
• Pluralism and Diversity B, C or D
• Elective
• Elective
• Elective

Spring

• Jewish Studies Elective
• Elective
• Elective
• Elective
• Elective

Notes:

• Jewish Studies is an inter-departmental, multi-disciplinary program.
• Jewish Studies majors should work with a program advisor to decide upon a sequence of Jewish Studies electives totaling 18 credits (6 classes).
• Jewish Studies electives can be completed with courses in fields such as History, Hebrew language, Literatures, Religion, Sociology and Political Science.
• At least 6 credits (2 classes) must be at the 300 level or above.

**Jewish Studies - BA**

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Jewish Studies major, the courses that meet CCCR are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEBR 21100</td>
<td>Individual and Society (H)</td>
</tr>
<tr>
<td>HEBR 22200</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>HIST 20800</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>REL 25200</td>
<td>World Culture and Global Issues</td>
</tr>
<tr>
<td>REL 25300</td>
<td>World Culture and Global Issues</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major (24 credits)**

The 6 core credits required of all majors are:

**HIST 20800 - History of the Jews**

- **Hunter Core**
  World Culture and Global Issues (WCGI)
- **Pluralism and Diversity**
  PD/A
  GER
  2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

**prereq or coreq: ENGL 12000**

3 hours

3 credits

**HEBR 22200 - Introduction to Jewish Texts and Writings**
Hunter Core
World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.

*prereq or coreq: ENGL 120
3 hours
3 credits

15 Credits in Jewish Studies

In addition to the core courses, students must select 15 credits in Jewish studies in conjunction with the program adviser, at least 6 of which must be at the 300-level or above. Students are encouraged to select from, but are not limited to, the following:

**HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)**

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

*3 hrs
3 cr.*

**HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)**

GER
2/C

Survey of Hebraic literature from Enlightenment movement to present.

*3 hrs
3 cr*

**HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)**

Pluralism and Diversity
PD/D
GER
3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.

*prereq: ENGL 22000
3 hrs
3 cr*

**HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)**

GER
3/A
Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs
3 cr

HEBR 49100 - Honors Project

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester. There are "unlimited" repeats for this course.
prereq: Jr/Sr only; perm division
1 sem
3 cr.

HIST 21000 - History of Judaism

GER
2/B
Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 24200 - The Holocaust: An Introduction

Pluralism and Diversity
PD/D
The attempt to exterminate the Jewish people by the Nazis. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity
PD/A
GER
3/B
The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 32100 - History of the Holocaust

GER
3/B

Examination of the mass murder of 6 million Jews by the Nazi regime during World War II.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 32700 - Europe since 1914

GER
3/B

Europe in a century of total wars and cold war: the military, political, social, economic and intellectual scene.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

JS 31000 - Jewish Studies Fieldwork

Supervised experience in a Jewish community agency, periodic consultation with program director and preparation of report or term paper based on the experience. May be taken twice for a total of 6 cr.
prereq: qualified Jr/Sr.
hrs TBA
3-6 cr.
JS 40000 - Individual Honors Project

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required.

Selected topics and problems in Jewish studies. qualified Jr/Sr, perm instr. or program director

prereq: 12 cr. in Jewish Studies, perm program director

3-6 hrs
3-6 cr.

JS 41050 - Jewish Studies Seminar I

Selected topics and problems in Jewish studies.

prereq: qualified Jr/Sr, perm instr. or program director

3 hrs
3 cr. each

JS 41051 - Jewish Studies Seminar II

Selected topics and problems in Jewish studies.

prereq: qualified Jr/Sr, perm instr. or program director

3 hrs
3 cr. each

POLSC 26400 - Government and Politics of Israel (W)

GER

3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.

prereq: ENGL 12000 or its equivalent

3 hrs
3 cr.

REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/A

GER

2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

prereq: ENGL 12000

3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

More Options

Other courses that may be selected to meet this 15-credit requirement are ENGL 38663 (ENGL 38600), The Bible in British and American Literature, ENGL 39058 (ENGL 39000), Literature and Catastrophe (focus on Holocaust Studies), ENGL 39968 (ENGL 39900), Jewish American Literature, HIST 74000, Modern Jewish Social and Intellectual History (see graduate catalog) and HIST 74800, American Jewish History (see graduate catalog).

Note

Up to 6 credits of independent study and fieldwork may be taken with special permission from the program adviser.

Capstone Course (3 credits)

One of the following courses should be taken as a capstone course:

**JS 40000 - Individual Honors Project**

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required. Selected topics and problems in Jewish studies. qualified Jr/Sr, perm instr. or program director
prereq: 12 cr. in Jewish Studies, perm program director
3-6 hrs
3-6 cr.

**JS 41050 - Jewish Studies Seminar I**

Selected topics and problems in Jewish studies.
prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr. each

**JS 41051 - Jewish Studies Seminar II**

Selected topics and problems in Jewish studies.
prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr. each
Honors in Jewish Studies

Students will be eligible for honors in Jewish Studies upon completion of 24 credits in Jewish Studies with a 3.5 GPA and a 2.8 cumulative GPA at the time of graduation. To be eligible to graduate with honors in Jewish Studies, students can take the following JS 40000 (Individual Honors Project) or JS 41050/JS 41051 (Jewish Studies Seminar, I or II), HEBR 49100 (Honors Project) or graduate courses with special permission, with a grade of B or better. Eligible students should apply for honors at the time they file for graduation.

Minor in Jewish Studies

The minor in Jewish Studies consists of 12 credits in courses in Jewish studies of which at least 3 credits must be on topics in the history of the Jews or Judaism and at least 3 credits in Jewish literature, thought, religion, or one of the social sciences (sociology, anthropology, or political science). Students can apply to the minor up to 6 credits in Independent Studies (JS 30000 or JS 40000) or fieldwork (JS 31000). Up to six credits in Jewish studies taken at other institutions of higher learning may be applied to the minor. Jewish Studies minors cannot apply any 100-level courses to the minor.

Latin American and Caribbean Studies

Overview

Latin American and Caribbean Studies is an interdisciplinary program that offers students the opportunity to learn about the history, culture, politics, society, and political economy of the region and its relations with the United States. The LACS program, in collaboration with the Hunter College Education Abroad Office, has offered study-abroad programs in Argentina, Costa Rica, and Brazil in recent years.

Programs and Courses

Programs and Courses in Latin American & Caribbean Studies

Administration and Faculty

Program Office:

1716 West
(212) 772-5680
Website: http://www.hunter.cuny.edu/lacsp

Faculty

Latin American and Caribbean Studies Faculty

HEGIS Code: 0308

Latin American and Caribbean Studies - BA
The specialization in Latin American and Caribbean Studies as a major leading to a BA degree consists of 24 credits. The core courses for the major are drawn from the social sciences, humanities, and arts. Following the program's goal of exposing the region's realities from the perspectives of various disciplines, no more than two courses from any single department may count for the 24 major credits. The program recommends that students take a 12-credit minor in one of the associated disciplinary departments. Students select courses for the major in consultation with the program's director or with a member of the Latin American and Caribbean Studies Faculty Advisory Committee. The interdisciplinary specialization of the major will serve graduates well, whether they choose to seek employment in public or private organizations, pursue professional degrees, or go on to a graduate degree in the social sciences or humanities.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

**CR/NC Policy**

No CR/NC grades will be accepted in courses to meet LACS major requirements.

**Courses Required for the Major (24 credits)**

Language Requirement: Latin American and Caribbean Studies majors are required to demonstrate a reading knowledge of Spanish, Portuguese, or French, fulfilled at least one semester before graduation from the college.

LACS students are required to take either LACS 33000 (a field course for students to study or intern in the region or intern in an institution in the New York area) or LACS 43400 (a course that comprises preparation of a major original research paper to be developed in close association with a mentor from the Latin American and Caribbean Studies Faculty Advisory Committee). ENGL 12000 is a prerequisite for program courses.

**LACS 33000 - Latin America and the Caribbean Field Course/Internship**

A field course for students to study in the region or who are interning in an institution either in the New York area or in the region. Major research paper based on field or internship experience.

3 cr.

**LACS 43400 - Seminar in Latin American and Caribbean Studies**

Open to sophomores, juniors, and seniors who have completed at least 18 credits in LACS or have instructor permission. Interdisciplinary reading, research, and discussion of selected topics involving cultural, economic, political, and social problems. Research paper required. May be repeated for a maximum of 6 edits.

3 cr.

**Course Offerings for LACS**

21 credits from the courses below.

**Africana and Puerto Rican/Latino Courses**
AFPRL 10200 - Latino Communities in the United States

Pluralism and Diversity
PD/B
GER
2/B

Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
3 hrs
3 cr.

AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective

Hunter Core
Individual and Society (Social Sciences) -I&S SS
Pluralism and Diversity
PD/B
GER
2/B

Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr.

AFPRL 21000 - Introduction to Caribbean History: 1900 - Present

Hunter Core
World Culture and Global Issues
Pluralism and Diversity
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 23700 - African Caribbean Literature (W)

Pluralism and Diversity
PD/A or B
GER
2/A

Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.
prereq: ENGL 12000
3 hrs
3 cr.

**AFPRL 24100 - Puerto Rican History to 1897**

**Pluralism and Diversity**
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr.

**AFPRL 24200 - Puerto Rican History Since 1898**

**Pluralism and Diversity**
PD/A
GER
2/B

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.
3 hrs
3 cr.

**AFPRL 24300 - Puerto Rican Culture**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A or B
GER
2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr.

**AFPRL 24400 - Puerto Ricans in the United States**

**Pluralism and Diversity**
PD/B
GER
2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
3 hrs
3 cr.

**AFPRL 25500 - Puerto Rican/Latino Children in North American Schools**
Pluralism and Diversity
PD/B
Survey of educational system viewed as an acculturating institution.
3 hrs
3 cr.

AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies

Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
3 cr.

AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)

GER
3/B
Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.
prereq: AFPRL 20700 or 21000 or perm instr.
3 hrs
3 cr.

AFPRL 31900 - Women in the African Diaspora (W)

Pluralism and Diversity
PD/B or C
GER
3/B
The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.
cross-listed WGSC 32900 (W)
prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

AFPRL 32000 - African-Caribbean Culture (W)

Pluralism and Diversity
PD/A or B
GER
3/A
prereq: AFPRL 20900 or 21000 or 22200
3 hrs
3 cr.
AFPRL 33700 - Caribbean Women Writers (W)

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.

cross-listed WGS A 33700 (W)

prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000

3 hrs

3 cr.

AFPRL 35600 - Latino Literature in English (W)

Pluralism and Diversity
PD/B

GER
3/A

Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).

3 hrs

3 cr.

AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

Pluralism and Diversity
PD/B

GER
3/B

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States.

prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.

3 hrs

3 cr.

AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)

GER
3/A or B

Topics change according to instructor.
Open to Jr/Sr only.

3 hrs

3 cr.

AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science
Pluralism and Diversity
PD/B
GER
3/A or B

Topics change according to instructor. Pluralism and diversity requirements are dependent on the topic course.

prereq: perm dept.
3 hrs
3 cr.

**AFPRL 44500 - Caribbean Short Story in Spanish: Readings and Theories**

GER
3/A

A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.

prereq or coreq: SPAN 20800
3 hrs
3 cr.

Anthropology

**ANTHC 40100 - Seminars in Selected Topics**

Topics TBA.

Economics

**ECO 33000 - Economic Development**

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.

prereq: ECO 20000
3 hrs
3 cr.

History

**HIST 27100 - Early History of Latin America**

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 34122 - Latin American Political Economy**

GER
3/B

courses at the 300-level and above not open to freshmen

3 hrs
3 cr.

**HIST 34139 - African Influences in the Americas**

GER
3/B

Courses at the 300-level and above not open to freshmen

3 hrs
3 cr.

**Music**

**MUSHL 24000 - Music of the Caribbean and Latin America (W)**

*Pluralism and Diversity*
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.

*prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.*

3 hrs
3 cr.

**MUSHL 22100 - Black Music in the Americas (W)**

*Pluralism and Diversity*
PD/B
GER
3/A

The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general.

*prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.*

3 hrs
3 cr.

**Political Science**

**POLSC 25300 - Government and Politics in Latin America (W)**
Pluralism and Diversity
PD/A
GER
3/B

Ideology, revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.
cross-listed LACS 43405
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 26200 - Government and Politics in Central America (W)

Pluralism and Diversity
PD/A
GER
3/B

Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.
cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 27100 - International Politics in the Americas (W)

Pluralism and Diversity
PD/A
GER
3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
cross-listed LACS 43432
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 28100 - Drugs, Politics and Public Policy (W)

GER
3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.
prereq: ENGL 12000
3 hrs
3 cr.
Romance Languages - Spanish

SPAN 26400 - Contemporary Spanish Literature in Translation
Cela, Lorca, Unamuno, Ortega y Gasset.
Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor.
prereq: ENGL 12000
3 hrs
3 cr.

SPAN 27600 - Readings in Modern Spanish- American Literature
Representative writers: Borges, Neruda, Cortazar, Garcia Mriquez.
prereq: SPAN 20200, 20300, 20800 21100 or four yrs high school Spanish or dept. perm.
3 hrs
3 cr.

SPAN 33600 - Latin American Civilization
GER
3/A
Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

SPAN 34100 - Introduction to Hispanic Literature I
Pluralism and Diversity
PD/D
GER
3/A
Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II
Pluralism and Diversity
PD/D
GER
3/A
prereq: SPAN 34100
coreq: SPAN 31200
SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 49100 - Honors Course in Spanish: Special Studies in Contemporary Latin American Literature

Open to Jr/Sr only. Group meetings, conferences, oral and written reports.
prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser
3 hrs
3 cr.

Sociology

SOC 30700 - Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
prereq: SOC 10100
3 hrs
3 cr.

SOC 32502 - Sociology of Human Rights: Violation and Protection

GER
3/B

prereq: SOC 10100, perm instr.
3 hrs
3 cr.

SOC 32506 - Latin American Societies

GER
3/B

prereq: SOC 10100, perm instr.
SOC 32519 - Economic Development and Social Inequality in Latin America

GER
3/B

prereq: SOC 10100, perm instr.
3 hrs
3 cr.

SOC 36100 - Development and Globalization (W)

Pluralism and Diversity
PD/A
GER
3/B

This course will examine the effort of poor countries to achieve economic and social development, and the possible outcomes of that effort. Effects on social relations and the living standards of the poor majority; the purposes of development, the strategies for development that have been adopted, and the theories which attempt to explain why countries do or do not grow economically.

prereq: SOC 10100
3 hrs
3 cr.

Women and Gender Studies

WGSA 33700 - Caribbean Women Writers (W)

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, eolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.

cross-listed AFPRL 33700
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000
3 hrs
3 cr.

WGS 20005 - Dominican and Haitian Literature and Culture

3 hrs
3 cr.

Departmental Honors
LACS majors with a GPA above 3.5 are eligible to receive the Lily Mage Award.

Study Abroad

Study abroad is encouraged for LACS majors. Study-abroad programs are offered through the Education Abroad Programs office at Hunter College.

Mathematics and Statistics

Overview

Mathematics has many aspects: it is the language and tool of the sciences, a cultural phenomenon with a rich historical tradition, and a model of abstract reasoning. The course offerings and the major in Mathematics reflect these multiple facets. The Mathematics major provides a broad education in various areas of mathematics in a program flexible enough to accommodate many ranges of interest. The major introduces students to the fundamental areas of mathematics and provides some degree of specialization in one or more areas. It trains students in the analytic thinking characteristic of pure and applied mathematics and provides familiarity with rigorous methods of mathematical proof. In addition to the standard Mathematics Major, the department offers a number of specialized undergraduate tracks for students interested in pursuing careers in bioinformatics or in preparing for teaching: the concentration Quantitative Biology, the concentration Preparation for Adolescent Education (Grades 7-12), and the concentration Preparation for Childhood Education (Grades 1-6).

What can I do with my degree in Mathematics and Statistics?

The Mathematics major prepares students for careers in business, government, research and teaching. The study of statistics provides the student with analytical tools that may find application in various fields within the sciences and social sciences. Bioinformatics is a rapidly developing area open to students in statistics with a working knowledge of computing and biological sciences. Actuarial science is one area open to students in statistics who also have backgrounds in such subjects as computer science, mathematics and economics.

Credit and Course Exemption

The department offers credit or course exemption based on standard examinations such as AP. Inquiries should be made at the department office.

Mathematics Proficiency and Placement

All students entering Hunter College must demonstrate proficiency in the basic skills through their scores on the mathematics assessment exam. Exemptions are given for SATs, ACT, NY Regents, and for certain other entrance categories. The placement exam further assesses a student's preparedness for certain courses in mathematics, statistics, and other disciplines at the college. Students may enroll in these courses only if their scores on the placement exam are at appropriate levels or if they have taken college courses in the required mathematics. Students who need to place into courses by examination and have not taken the placement exam are advised to schedule the test with the Testing Center, Room 150 Hunter North, 212-772-4868, http://hunter.cuny.edu/testingcenter, well in advance of
registration. Students should notice the mathematics and statistics prerequisites that are indicated in the descriptions of courses and majors so they can effectively plan their studies.

**Programs and Courses**

In planning their schedules, prospective majors should note that some advanced required courses are offered only once each year and several advanced elective courses are offered only once every other year. A rotation schedule for course offerings is available in the departmental office and on the departmental web site [http://math.hunter.cuny.edu](http://math.hunter.cuny.edu).

**Prerequisites:** Because of the nature of mathematics, the department recommends that students refrain from enrolling in any course that carries prerequisites unless these prerequisites have been completed with a grade of C or better.

- Programs and Courses in Mathematics & Statistics
- Minor in Logic - a minor consisting of courses from three disciplines: computer science, mathematics and philosophy

**Administration and Faculty**

**Chair:**

Barry Cherkas
919A East
(212) 772-5300

**Department Office:**

919 East
(212) 772-5300
fax (212) 772-4858
Web site: [http://math.hunter.cuny.edu](http://math.hunter.cuny.edu)

**Dolciani Mathematics Learning Center:**

Hunter East, 7th Floor Library – Silverstein Student Success Center
(212) 772-5371

**Faculty**

Mathematics and Statistics Faculty

**HEGIS Codes:** 1701 (BA; BA/MA in Mathematics, Adolescent Education/Mathematics); 1701/1703 (BA/MA in Mathematics/Statistics and Applied Mathematics); 1702 (BA in Statistics); 1702/1703 (BA/MA in Statistics/Statistics and Applied Mathematics)

**Mathematics - BA**

The major consists of at least 33 credits of coursework: 24-41 credits of core mathematics and statistics courses and 9 credits of advanced elective courses chosen by students according to their career plans. Proficiency in symbolic computation is also required. Modifications are permitted with the consent of the mathematics adviser. With permission
of the adviser, a student may take graduate courses in statistics or mathematics. Mathematics majors interested in bioinformatics should refer to the requirements for the Mathematics Major with a Concentration in Quantitative Biology - BA. Upon completion of Math 260, Mathematics Majors interested in the BA/MA program should contact the Graduate Adviser.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Mathematics major, the courses that meet CCCR are:

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*

4 hrs
4 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*
STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

Courses Required for the Major

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Calculus Sequence (0-17 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

**prereq:** appropriate score on placement exam or exit from appropriate departmental workshop

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

**prereq:** MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

**MATH 12550 (STEM) - Precalculus with Workshop**

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes.
The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500.

5 hrs (4 hrs lecture, 1 hr recitation)

4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs

1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs

4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs

4 cr.

* These courses may be counted for credit in more than one program.

Required Math Courses (24 Credits)

MATH 15600 - Introduction to Mathematical Proof Workshop
Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. 

**MATH 25000 - Calculus III**

GER  
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.  
**prereq:** MATH 15500, MATH 15600  
4 hrs  
4 cr.

**MATH 25400 - Ordinary Differential Equations**

GER  
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.  
**prereq:** MATH 25000  
3 hrs  
3 cr.

**MATH 25500 - Vector Analysis**

GER  
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.  
**prereq:** MATH 25000  
3 hrs  
3 cr.

**MATH 26000 - Linear Algebra**

GER  
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.  
**prereq:** MATH 15600  
**prereq or coreq:** MATH 25000  
4 hrs  
4 cr.

**MATH 31100 - Abstract Algebra I**
GER
3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr.

MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

* These courses may be counted for credit in more than one program.

Elective Courses (9 credits)

The student must complete three 3-credit mathematics or statistics courses chosen from the 300- or 400-level courses in mathematics or statistics listed by the department and approved by the undergraduate mathematics adviser. Factors affecting the choice of electives will include the student's career goals (preparation for graduate study; education; careers in business, government service or industry), the student's other major, where applicable, and the availability of courses due to the course rotation schedule.

Symbolic Computation Proficiency Requirement (0-3 credits)

As a requirement for graduation with a BA in Mathematics, students must demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:

a) passing any of

- MATH 12600 Precalculus Technology Laboratory
- MATH 15400 An Introduction to Symbolic Computation
• MATH 38500 Numerical Methods I

b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

*These courses may be counted for credit in more than one program.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000, STAT 48600, or any 700-level MATH or STAT course and by presenting a major GPA of at least 3.6.

• MATH 49000 Honors Seminar or STAT 48600 Modeling and Visualization

Degree Map

Degree Map for Mathematics BA

Mathematics BA

The major introduces students to the fundamental areas of mathematics and provides some degree of specialization in one or more areas. It trains students in the analytic thinking characteristic of pure and applied mathematics and provides familiarity with rigorous methods of mathematical proof. In addition to the standard Mathematics Major, the department offers a number of specialized undergraduate tracks for students interested in pursuing careers in bioinformatics or in preparing for teaching: the concentration Quantitative Biology, and the concentration Preparation for Childhood Education (Grades 1-6). (See Adolescent Mathematics, Grades 7-12 - BA for Mathematics grades 7-12)

• Mathematics - BA
• Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA
• Mathematics Major with a Concentration in Quantitative Biology - BA

Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA

This concentration constitutes a mathematics major for students in the Quality Urban Elementary School Teacher (QUEST) program. QUEST students majoring in mathematics are not exempt from the MATH 10400 (STEM)/MATH 10500 requirement. To enter this major, the student should have completed one semester of calculus (MATH 15000 (STEM) or the equivalent). The specified collateral major is Childhood Education. This mathematics major consists of at least 32 credits of coursework: 20 credits of major core curriculum courses and at least 12 additional credits, as described below. The student should consult the School of Education for the sequence of teacher education courses in the Childhood Education (QUEST) major.
Major Core Curriculum (20 credits)

MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.

prereq: MATH 15000
2 hrs
1 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

MATH 16000 - Matrix Algebra

GER
1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600
MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

prereq: MATH 15600
prereq or coreq: MATH 25000

4 hrs
4 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

Additional Required Courses (at least 12 credits)

STAT 21200 - Discrete Probability

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.

3 hrs
3 cr.

STAT 22000 - Statistical Analysis in Forensics

GER
3/B

A second course in probability and statistics and the evaluation of evidence in the forensic sciences.

prereq: STAT 21200 and either STAT 21300 or 11300 by permission of instructor. One of the above, i.e., STAT 21200 or STAT 21300 or STAT 11300 by permission of instructor may be taken as a coreq.
• Two additional courses approved by a departmental adviser

**Mathematics Major with a Concentration in Quantitative Biology - BA**

This program is for students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry. Students interested in this concentration in the mathematics major should consult the BioInformatics adviser.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Mathematics major with a concentration in Quantitative Biology, the courses that meet CCCR are:

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning  
**GER**
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.  
*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*

4 hrs  
4 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning  
**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs  
4 cr.

**MATH 15500 (STEM) - Calculus II**
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*

4 hrs

4 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam*

3 hrs

3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major (63-80 credits)**

**Core Courses (30-47 credits)**

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

**Calculus Sequence (0-17 credits)**

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**
This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

**prereq:** MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

**prereq:** MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs
4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**prereq:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**
**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*

4 hrs
4 cr.

**Required Math Courses (30 credits)**

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

*prereq: MATH 15000*

*prereq or coreq: MATH 15500*

2 hrs
1 cr.

**MATH 25000 - Calculus III**

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

*prereq: MATH 15500, MATH 15600*

4 hrs
4 cr.

**MATH 25400 - Ordinary Differential Equations**

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

*prereq: MATH 25000*

3 hrs
3 cr.

**MATH 25500 - Vector Analysis**

GER
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.

*prereq: MATH 25000*
MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

MATH 31100 - Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr.

MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
prereq: MATH 25000, 26000
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

STAT 31100 - Probability Theory
**GER**
3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.

*prereq: MATH 25000.*

3 hrs
3 cr.

**STAT 31900 - Bayesian Statistical Inference in the Sciences**

**GER**
3/B


*prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor). Prerequisites waived for students who have passed STAT 311.*

Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs
3 cr

**Note:** The symbolic proficiency requirement is met by taking STAT 31900

**Additional Required Courses (33 credits)**

**CSCI 13200 - Practical UNIX and Programming, with Lab**

**Hunter Core**
Scientific World (SW)

**GER**
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.

*prereq: none*

3 hrs
3 cr.

**CSCI 23200 - Relational Databases and SQL Programming, with Lab**

**GER**
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**  
Scientific World (SW); Life and Physical Sciences (LPS)  
GER 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500*

5 hrs (4 lec, 1 rec)  
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**  
Life and Physical Sciences (LPS) Scientific World (SW)  
GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better*

5 hrs (4 lec, 1 rec)  
4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
Pluralism and Diversity  
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200  
coreq: CHEM 10400*

6 hrs  
3 cr.

**CHEM 22200 - Organic Chemistry Lecture I**

GER  
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

**BIOL 20300 - Molecular Biology and Genetics**

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

**BIOL 42500 - Computational Molecular Biology**

**GER**
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of *in silico* biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be
taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

3 hrs
3 cr.

Note

*These courses may be counted for credit in more than one program.

Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000 or STAT 48600, by presenting a major GPA of at least 3.6 and by achieving a satisfactory rating on a comprehensive examination.

- MATH 49000 Honors Seminar or STAT 48600 Modeling and Visualization

Degree Map for Mathematics: Quantitative Biology

Degree Map for Mathematics: Quantitative Biology

Mathematics or Statistics and Applied Mathematics - BA/MA

The BA/MA program offers promising students the opportunity to complete both the bachelor's and master's requirements without a separate application for admissions or GRE requirement. Requirements are the same as those for a major in the department, plus 30 credits at the graduate level. Interested students should contact the graduate adviser for further information regarding eligibility and curriculum requirements.

Option 1: Mathematics and Pure Mathematics (63-83 credits)

Students complete the BA in pure mathematics with 30 additional credits at the graduate level in pure mathematics approved by the departmental graduate adviser.

- Mathematics - BA
- Mathematics: Pure Mathematics - MA

Option 2: Mathematics and Statistics and Applied Mathematics (63-83 credits)

Students complete the BA in mathematics with 30 additional credits at the graduate level in applied mathematics, statistics and computer science approved by the departmental graduate adviser.

- Mathematics - BA
- Statistics and Applied Mathematics - MA

Option 3: Statistics and Statistics and Applied Mathematics (63-83 credits)

Students complete the BA in statistics with 30 additional credits at the graduate level in applied statistics, statistics and computer science approved by the departmental graduate adviser.

- Statistics - BA
• Statistics and Applied Mathematics - MA

Please note: Modifications in these programs are awaiting approval by NY State. Please consult department for details.

Minor in Mathematics

A minor in mathematics consists of a minimum of 12 credits selected from any of the following courses offered by the Department:

• MATH courses numbered 15000 or above
• STAT 31100
• STAT 31200

Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective mathematics minors consult with an undergraduate mathematics adviser concerning course selection.

Minor in Statistics

A minor in statistics consists of at least 12 credits selected from STAT courses offered by the Department. Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective statistics minors consult with an undergraduate statistics adviser concerning course selection.

Statistics - BA

Return to Statistics BA

The statistics major consists of at least 33 credits of coursework: 30-47 credits of core mathematics and statistics courses and any additional 3-credit statistics, mathematics, or computer science course approved by the statistics adviser. Modifications are permitted with the consent of the statistics adviser. With permission of the adviser, a student may take graduate courses in statistics and applied mathematics.

Hunter Core Requirement

Several courses within this major may fill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Statistics major, the courses that meet CCC are:

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning

**GER**

1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to
students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs

4 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs

4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs

4 cr.

**STAT 21200 - Discrete Probability**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.

3 hrs

3 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal
and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

**prereq:** MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major**

**Core Courses (30-47 credits)**

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

**Calculus Sequence (0-17 credits)**

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

**prereq:** appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

**prereq:** MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.
MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

*prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000

4 hrs
4 cr.

* These courses may be counted for credit in more than one program.

Other Required Math Courses (30 credits)

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

*prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr.

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

STAT 21200 - Discrete Probability

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics
Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

STAT 21400 - Data Analysis Using Statistical Software

GER
3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building

prereq: STAT 21300 or MATH 12400 or MATH 12500 or MATH 12550 and STAT 11300 with grade of C or better in each course.
3 hrs
3 cr.

STAT 31100 - Probability Theory

GER
3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.

prereq: MATH 25000.
3 hrs
3 cr.

STAT 31200 - Stochastic Processes

GER
3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.

prereq: STAT 31100
3 hrs
3 cr.

STAT 31300 - Introduction to Mathematical Statistics

GER
3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.

prereq: STAT 31100
3 hrs
3 cr.
* These courses may be counted for credit in more than one program.

Elective Courses (3 credits)

The student must complete one additional 3-credit statistics or mathematics course approved by the undergraduate statistics adviser.

Actuarial Sequence

A student interested in actuarial work should take the following courses. Students are also encouraged to take courses in accounting, economics and computer science. A student majoring either in Statistics or Mathematics could also complete the Actuarial Sequence as a part of his/her major requirements. A review for the Actuarial Exams is not a part of the curriculum, however, and it is left to the individual student to study for and take those exams.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*

4 hrs
4 cr.

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

*prereq: MATH 15000*

*prereq or coreq: MATH 15500*

2 hrs
1 cr.

**MATH 25000 - Calculus III**
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**prereq:** MATH 15500, MATH 15600

4 hrs

4 cr.

**MATH 26000 - Linear Algebra**

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

**prereq:** MATH 15600

**prereq or coreq:** MATH 25000

4 hrs

4 cr.

**STAT 31100 - Probability Theory**

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.

**prereq:** MATH 25000.

3 hrs

3 cr.

**STAT 31300 - Introduction to Mathematical Statistics**

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.

**prereq:** STAT 31100

3 hrs

3 cr.

**Degree Map**

Degree Map for Statistics

**Statistics BA**

The study of statistics provides the student with analytical tools that may find application in various fields within the sciences and social sciences. Bioinformatics is a rapidly developing area open to students in statistics with a working knowledge of computing and biological sciences. Actuarial science is one area open to students in statistics who also have backgrounds in such subjects as computer science, mathematics and economics. In addition to offering the Statistics Major, the department has a specialized undergraduate track for students interested in pursuing a career in
bioinformatics: the concentration in Quantitative Biology. The BA/MA in Statistics and Applied Mathematics offered by the department provides enrichment for undergraduate statistics majors.

Programs

- Statistics - BA
- Statistics Major with a Concentration in Quantitative Biology - BA
- Mathematics or Statistics and Applied Mathematics - BA/MA

Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000, STAT 48600, or any 700-level MATH or STAT course, and by presenting a major GPA of at least 3.6.

MATH 49000 - Honors Seminar

GER
3/B

prereq: MATH 31100, 35100, departmental permission
3 hrs
3 cr.

Statistics Major with a Concentration in Quantitative Biology - BA

return to Statistics BA

For students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry. Students interested in this concentration in the statistics major should consult the bioinformatics adviser.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Statistics major with a concentration in Quantitative Biology, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 12500 (STEM)</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>MATH 15000 (STEM)</td>
<td>Math/Quantitative Reasoning</td>
</tr>
</tbody>
</table>
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (63-80 credits)

Core Courses (30-47 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Calculus Sequence (0-17 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)
3 cr.

- or -

MATH 101EN - Algebra for College Students - Enhanced

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

prereq: Department Permission

6 hrs
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed
any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH 12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem.
In addition to lecture, students are also required to attend a 50-minute recitation session once a week.
Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.
prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

MATH 14000 - Mathematical Reasoning Workshop
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**prereq:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**

Math/Quantitative Reasoning

**GER**

1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

**prereq:** grade of C or better in MATH 15000

4 hrs
4 cr.

Other Required Math Courses (30)

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**prereq:** MATH 15000

**prereq or coreq:** MATH 15500

2 hrs
1 cr.

**MATH 25000 - Calculus III**

**GER**

3/B
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

**MATH 26000 - Linear Algebra**

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

**MATH 25400 - Ordinary Differential Equations**

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

prereq: MATH 25000
3 hrs
3 cr.

-or-

**MATH 35400 - Dynamical Systems and Chaos**

GER
3/B

Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete one-dimensional dynamical systems.

prereq: MATH 25000, 26000
3 hrs
3 cr.

**STAT 21200 - Discrete Probability**

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.
STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

STAT 21400 - Data Analysis Using Statistical Software

GER 3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building

prereq: STAT 21300 or MATH 12400 or MATH 12500 or MATH 12550 and STAT 11300 with grade of C or better in each course.
3 hrs
3 cr.

STAT 31100 - Probability Theory

GER 3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.

prereq: MATH 25000.
3 hrs
3 cr.

STAT 31200 - Stochastic Processes

GER 3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.

prereq: STAT 31100
3 hrs
3 cr.

STAT 31300 - Introduction to Mathematical Statistics

GER 3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.
Additional Required Courses (33 credits)

**CSCI 13200 - Practical UNIX and Programming, with Lab**

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.

*prereq: none*

3 hrs
3 cr.

**CSCI 23200 - Relational Databases and SQL Programming, with Lab**

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

*prereq: CSCI 12700 or CSCI 13200*

3 hrs
3 cr.

**CHEM 10200 (STEM) - General Chemistry I**

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500*

5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

_prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**

_Hunter Core_
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

_prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

**CHEM 22200 - Organic Chemistry Lecture I**

_GER_

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

_prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

**BIOL 10000 (STEM) - Principles of Biology I**

_Hunter Core_
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

_GER_

2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.
BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

BIOL 42500 - Computational Molecular Biology

GER
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and predication of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

*These courses may be counted for credit in more than one program.

Medical Laboratory Sciences

Overview

The Department of Medical Laboratory Sciences offers a rigorous and extensive education in biomedical science that prepares students for employment in clinical (hospital and private diagnostic), research (academic/biotechnology/pharmaceutical) and public health laboratories and for advanced degrees in graduate
(Master's/Ph.D.) and professional (medical/dental/physician assistant) schools as well as advanced clinical certifications. Two academic degrees for undergraduates are offered: the BS in Medical Laboratory Sciences: Biomedical Science and the BS in Medical Laboratory Sciences: Clinical Science. Both majors emphasize laboratory training through classroom work. The Medical Laboratory Sciences: Biomedical Science major is intended for those students who plan to obtain advanced graduate or medical degrees. Students in this major are encouraged to perform independent study research projects with faculty. The Medical Laboratory Sciences: Clinical Science major is licensure qualifying and is intended for those students who plan to take the New York State Education Department (NYSED) licensure exam for clinical laboratory technologists. A license is required to work as a clinical laboratory technologist in NYS. Clinical laboratory technologists perform analytical tests on patient samples and play an essential role in the diagnosis and treatment of disease. The Clinical Science major requires students to perform a departmentally-arranged eight-week full time summer internship in a hospital or private diagnostic laboratory. Students in the Clinical Science major may also pursue advanced graduate and medical degrees.

What can I do with my degree in Medical Laboratory Sciences?

Graduates pursue entry-level careers in diagnostic or research labs, as well as further education in graduate programs, medical school and other clinical specialties. MLS graduates work in hospitals, nonprofit research institutions and pharmaceutical and biotechnology companies.

Programs and Courses

Programs and Courses in Medical Laboratory Sciences

Administration and Faculty

Department Office: Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM

Chair:

Steven Einheber
Brookdale Campus West 700A
(212) 481-4442, 4502
seinhebe@hunter.cuny.edu
www.hunter.cuny.edu/mls

Faculty

Medical Laboratory Sciences Faculty

Medical Laboratory Sciences - BS

The Department of Medical Laboratory Sciences (MLS) offers two majors:

(1) Medical Laboratory Sciences: Biomedical Science BS and
The Clinical Science major is intended for students pursuing careers in the diagnostic laboratory and meets the requirements for NY State licensure of clinical laboratory technologists. The Biomedical Science major is appropriate for students seeking other careers or graduate education in the biomedical field.

Professional Outcomes

Entry-Level Positions Students completing the MLS degree are prepared for positions in a variety of settings. These include clinical laboratory (medical) technologists of diagnostic laboratories in hospitals and commercial environments, and research assistants in medical center and university labs, pharmaceutical and biotechnology companies and public health laboratories. Personnel shortages are severe in several of these areas, and opportunities are predicted to grow. The Bureau of Labor Statistics projects growth of 12% for clinical laboratory positions from 2016 to 2026.

The passage of the Clinical Laboratory Technology Practice Act in 2005 created a transparent professional pathway defining the education, experience and examination to qualify as a clinical laboratory technologist in New York State. The course of study in the Medical Laboratory Sciences: Clinical Science major fulfills the educational and practice components for licensure.

Further Education

MLS students are encouraged to plan for postbaccalaureate education, and are guided to complete prerequisites. MLS alumni have been successful in medical and dental school, graduate programs in biomedical science (master’s and PhD), management and clinical specialties (PA, forensic science, etc.) and advanced laboratory diagnostics such as cytotechnology.

Opportunities for Pre-Professional Experience

- **Professional Practice:** Qualified students planning for careers in the diagnostic lab enroll in MLSP 41000 to fulfill the practical experience requirement of the clinical laboratory technologist license. Students are assigned to hospital, reference or public health labs for summer or semester-long internship experience in an area consistent with their interests.

- **Student Research:** Qualified students are encouraged to participate in faculty research projects through independent study and honors courses in such areas as innate immune regulation, bacteriophage, microbial pathogenesis, antimicrobials, gastric secretion and cancer, glutamate receptors in neurological diseases and cancer, and myelination in the peripheral and central nervous systems.

- **Academic Advising:** MLS majors meet each semester with a faculty adviser to review progress and plan the next semester's program. The adviser helps students pace their studies appropriately. Counseling for graduate school, employment and reference support is ongoing for our alumni. A strong professional network exists among MLS alumni.

Admission Requirements

Students must meet the following minimum requirements to be considered for admission to the Medical Laboratory Sciences-BS majors:

Completion of 60 credits before enrolling in MLS, including: one year of general chemistry with lab (CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM), or equivalent) 1 year of general biology with lab BIOL 10000 (STEM), BIOL 10200 (STEM) or equivalent) and an overall GPA of at least 2.5. Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and
The Hunter College Department of Medical Laboratory Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.

Students can enter the Medical Laboratory Sciences major in fall and spring semesters. Advisors welcome e-mail inquiries anytime. To apply, both current Hunter College students and transfer students must complete the CUNY Transfer Application. Applicants should log in with their CUNYfirst account or create a CUNY Application account if they have never attended a CUNY institution. Be sure to select “Medical Laboratory Sciences” at Hunter College as the intended major. Admissions decisions are made on a rolling basis so students should apply and complete the application as early as possible. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their Hunter Core Requirement (HCR) General Education - Effective Fall 2019 which includes the CUNY Common Core, the Hunter Focus on foreign language and the concurrent requirements before entering the program, but liberal arts classes can be interspersed with major courses.

Students are encouraged to contact the Department Chair or Undergraduate Advisor listed below to ask any questions or learn more about the MLS majors before applying.

**Scholastic Requirements**

Student grades are reviewed each semester to determine eligibility for remaining in the program. Each student must maintain an overall GPA of 2.0 for each semester and a grade of C or better in each major course. Major courses must be taken for letter grades except, at the discretion of the chair, for clinic, field or independent study. Departmental permission is required in order to register for courses. Faculty advisers authorize course permissions during the pre-registration and registration periods.

**Contact Us**

**Department Chair:**
Steven Einheber, PhD
Brookdale Campus West 700A
(212) 481-4442, 4502
E-mail: seinhebe@hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/mls

**Undergraduate Advisor:**
Abigail Rodriguez-Morales, PhD
Brookdale Campus West 707
(212) 481-8795
E-mail: ar4835@hunter.cuny.edu

HEGIS Code: 1223

**Medical Laboratory Sciences: Biomedical Science BS**

Go to Medical Laboratory Sciences - BS
Overview

The Medical Laboratory Sciences (MLS): Biomedical Science major prepares students for careers in biomedical laboratories and other health-related professions. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into the following categories:

1. fundamental lab skills
2. clinical subspecialties
3. advanced biomedical courses

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Biomedical Science major is appropriate for students seeking graduate education in biomedical or health-related fields. This major does not meet the requirements for NY State licensure of clinical laboratory technologists. For the licensure-qualifying program, please see the Medical Laboratory Sciences: Clinical Science BS major. The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to. Part-time attendance and some evening classes are mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site for more detail.

Admission Requirements

The requirements for consideration for admission to Medical Laboratory Sciences - BS programs are as follows:

- Completion of 60 credits before enrolling in MLS, including: one year of general chemistry with lab CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM) or equivalent)
- 1 year of general biology with lab (BIOL 10000 (STEM), BIOL 10200 (STEM) or equivalent)
- Overall GPA of at least 2.5.

Students can enter the Medical Laboratory Sciences major in fall and spring semesters. Advisers welcome e-mail inquiries anytime. To apply both current Hunter College students and transfer students must complete a Transfer Application with the CUNY University Application Processing Center. Visit [http://www.hunter.cuny.edu/prospectivestudents/ug_students/transfer.shtml](http://www.hunter.cuny.edu/prospectivestudents/ug_students/transfer.shtml) and select On-Line Application from the choices. Be sure to select "Medical Laboratory Sciences" at Hunter College as the choice of curriculum. Use CUNY curriculum code 0344 when applying. Admissions take place on a rolling basis so students should apply as early as possible. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their General Education - Effective Fall 2019 (HCR) which includes the CUNY Common Core Requirement, the Hunter Focus on foreign language and the Concurrent Requirements before entering the program, but liberal arts classes can be interspersed with major courses. Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and resources. The Hunter College Department of Medical Lab Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (79-92 credits)
Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Math Courses (3-13 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

*Note: This course is equivalent to MATH12500 for grade replacement purposes.*

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.*

*Not open to students who have taken MATH 12500 or MATH 12550."

4 hrs

4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

*prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.*
**STAT 11300 - Elementary Probability and Statistics**

**Hunter Core**  
Math/Quantitative Reasoning  
**GER**  
1/B  

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

**prereq:** A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam  
**prereq or coreq:** ENGL 12000  
3 hrs  
3 cr.

Courses in Other Departments (31 cr.)

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
**Pluralism and Diversity**  
PD/C or D  
**GER**  
2/E  

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.  
Material Fee: $5  
PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500  
7 hrs (3 lec, 3 lab, 1 disc)  
4.5 cr.  
spring only

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**  
Scientific World (SW); Life and Physical Sciences (LPS)  
**Pluralism and Diversity**  
PD/C or D  
**GER**  
2/E
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.*

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.*

**CHEM 10600 (STEM) - General Chemistry Laboratory**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.*
CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

*These courses may be counted for credit in more than one program.

Biomedical Science Curriculum (40-42 cr.)

MLSP 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment.
MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr.

MLS 31200 - Human Physiology: Integration and Control
Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.

prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr.

MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.
coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35200 - Clinical Microbiology II

Continuation of MLSP 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLSP 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.

MLSP 35400 - Clinical Biochemistry I: Biomolecules & Metabolism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods.
prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr.

MLSP 35500 - Clinical Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.
prereq: MLSP 35400
MLSP 36100 - Computers and Data Processing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.

prereq: MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr.

MLS 45000 - Cell and Tissue Culture

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.

prereq: MLS 35100
coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab)
4 cr.

MLSP 45700 - Senior Seminar

Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science.

prereq: perm instr.
2 hrs
3 cr.

MLS 46000 - Immunology

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.

prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr.

PH 33000 - Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.

Minimum GPA to enroll - 2.75
prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.
3 hrs
3 cr.

Electives (5-6 cr.)

MLSP 40000 - Topics in Biomedical Sciences
Topics vary from semester to semester and are announced before registration.

**1-3 hrs**
**1-3 cr.**

**MLS 48001-48003 - Independent Study**

*prereq or coreq: departmental permission*

**1-3**

**MLS 49000 - Honors**

*prereq: departmental permission*

**hrs TBA**

**3 cr.**

**CHEM 22400 - Organic Chemistry Lecture II**

**GER**
**GER 3/B**

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 22200 with a grade of C or better*

**5-6 hrs (4 lec, 1-2 recitation/workshop)**

**4 cr.**

**CHEM 22500 - Organic Chemistry Laboratory II**

**GER**
**3/B**

Continuation of CHEM 22300.

*prereq: CHEM 22300*

*prereq or coreq: CHEM 22400*

**4 hrs**

**2.5 cr**

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
**Math/Quantitative Reasoning**

**GER**
**1/B**

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

*prereq: grade of C or better in MATH 15000*

**4 hrs**

**4 cr.**
STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

Degree Map

Degree Map for Medical Laboratory Sciences: Biomedical Science

Medical Laboratory Sciences: Clinical Science BS

Go to Medical Laboratory Sciences - BS

Overview

Medical Laboratory Sciences (MLS): Clinical Science is a pre-professional major, preparing students for careers in laboratories devoted to promoting, maintaining and restoring human health. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into the following categories:

1. fundamental lab skills
2. clinical subspecialties
3. advanced biomedical courses
4. pre-professional practice

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Clinical Science major is intended for, but not limited to, students pursuing careers in the diagnostic laboratory and is designed to meet the requirements for NY State licensure of clinical laboratory technologists. The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to. Part-time attendance and some evening classes are mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site: http://www.hunter.cuny.edu/mls for more detail.

Admission Requirements

The requirements for consideration for admission to Medical Laboratory Sciences - BS programs are as follows:
• Completion of 60 credits before enrolling in MLS, including: one year of general chemistry with lab (CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM) or equivalent)
• 1 year of general biology with lab (BIOL 10000 (STEM), BIOL 10200 (STEM) or equivalent)
• overall GPA of at least 2.5.

Students can enter the Medical Laboratory Sciences major in fall and spring semesters. Advisers welcome e-mail inquiries anytime. To apply both current Hunter College students and transfer students must complete a Transfer Application with the CUNY University Application Processing Center. Visit http://www.hunter.cuny.edu/prospectivestudents/ug_students/transfer.shtml and select On-Line Application from the choices. Be sure to select "Medical Laboratory Sciences" at Hunter College as the choice of curriculum. Use CUNY curriculum code 0344 when applying. Admissions take place on a rolling basis so students should apply as early as possible. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their Hunter Core Requirement - Fall 2013 to Spring 2019 (HCR) which includes the CUNY Common Core Requirement, the Hunter Focus on foreign language and the Concurrent Requirements before entering the program, but liberal arts classes can be interspersed with major courses. Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and resources. The Hunter College Department of Medical Lab Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (80-90 credits)

Math Courses (3-11 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry
Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

Courses in Other Departments (31 credits)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity
PD/C or D

GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

4.5 cr.
fall only

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory
**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  

**Pluralism and Diversity**  
GER 2/E  
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.  
Primarily for pre-med, medical laboratory sciences and science majors.  
*prereq: CHEM 10200  
coreq: CHEM 10400  
6 hrs  
3 cr.*

**CHEM 22200 - Organic Chemistry Lecture I**  
GER  
GER 3/B  
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.  
*prereq: CHEM 10400 with a grade of C or better  
5-6 hrs (4 lec, 1-2 recitation/workshop)  
4 cr.*

**CHEM 22300 - Organic Chemistry Laboratory I**  
GER  
3/B  
Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.  
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.  
Note: Students must register  
*prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200  
coreq: CHEM 22301  
prereq or coreq: CHEM 22204 OR CHEM 22206  
3 hrs  
2.5 cr.*

**PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**  

**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  

**GER**  
2/E  
First semester of two-semester introductory physics course using algebra.  
*prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500  
7 hrs (3 lec, 3 lab, 1 rec)  
4.5 cr.*  

*These courses may be counted for credit in more than one program.*

**Clinical Science Curriculum (46-48 credits)**
MLSP 30000 - Fundamental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment. MLS 60000 is the graduate component of this course
prereq: BIOL 10000, 10200, CHEM 10200, 10300, 10400, 10500 or equiv.
3 hrs (2 lec, 1 lab)
3 cr.

MLS 31200 - Human Physiology: Integration and Control

Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.
prereq: BIOL 10000 and 10200, CHEM 10400, 10500 or equiv.
3 hrs
3 cr.

MLS 34700 - Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.
coreq: MLS 31200
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 34900 - Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic techniques to analyze peripheral blood and bone marrow, differential counting and blood banking.
prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35100 - Clinical Microbiology I

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them.
prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35200 - Clinical Microbiology II

Continuation of MLSP 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.
prereq: MLSP 30000, 35100 or equiv.
5 hrs (2 lec, 3 lab)
4 cr.

MLSP 35400 - Clinical Biochemistry I: Biomolecules & Metabolism
Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods. 

prereq: CHEM 22200

5 hrs (2 lec, 3 lab)

3.5 cr.

**MLSP 35500 - Clinical Biochemistry II: Genes to Proteins**

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids. 

prereq: MLSP 35400

5 hrs (2 lec, 3 lab)

3.5 cr.

**MLSP 36100 - Computers and Data Processing in the Medical Laboratory**

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly. 

prereq: MATH 15000 or STAT 11300

3 hrs (1 lec, 2 lab)

3 cr.

**MLSP 41000 - Professional Practice**

Directed full-time experience in clinical, research, public health or other biomedical laboratories. Arranged on an individual basis. 

prereq: departmental permission

8 weeks

3 cr.

**MLSP 43000 - Immunohematology**

Study of the immunologic properties of blood associated with blood group systems, donor screening, transfusion reactions and hemolytic disease and laboratory techniques used to characterize antigen-antibody reactions. 

prereq: MLSP 34900

3 hrs (2 lec, 1 lab)

3 cr.

**MLS 45000 - Cell and Tissue Culture**

Cell and tissue culture theory and techniques, including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class. 

prereq: MLS 35100 
coreq: MLS 34700, 35200

5 hrs (2 lec, 3 lab)

4 cr.

**MLSP 45700 - Senior Seminar**
Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science.

**MLS 46000 - Immunology**

Cellular reactions in immunology, structure of antibodies and antigens, and laboratory determination of immune functions.

*prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr.*

**PH 33000 - Principles of Epidemiology**

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases.

Minimum GPA to enroll: 2.75

*prereq: Any intro statistics course plus SOC 10100 or equivalent plus either PSYCH 10000 or PSYCH 15000 or ANTHC 10100 or equivalent.*

3 hrs
3 cr.

**Degree Map for Medical Lab Sciences: Clinical Science**

**Music**

**Overview**

The Music Department offers students the chance to explore musical expression through performance and academic study. Opportunities to learn from some of the best theorists, musicologists and ethnomusicologists in the field exist alongside exciting performance opportunities for every playing and singing ability. All undergraduate music majors include training in performance, aural skills, music theory, and music history, in the context of a strong liberal-arts degree program. Many other subjects, including composition, arranging, computer music, and ethnomusicology are available as electives. The undergraduate programs provide both the foundation for further study of any area of music and a liberal-arts background that can serve as a basis for careers in other fields.

Our ensembles include College Choir, Chamber Singers, Opera, Jazz Vocal Workshop, Jazz Ensemble, Jazz and Popular Music Combos, Chamber Music, and the Hunter Symphony. The BA degree can be completed evenings or days. In addition, the department sponsors numerous extracurricular events, including concerts, lectures, and master classes. Private lessons in instruments and voice are provided to all performance majors and many other music majors by a distinguished roster of performance teachers. Financial aid is available to qualified performance majors and other majors who need to study with private teachers not on the staff.

**What can I do with my degree in Music?**
Graduates of the department go on to a variety of careers in music and beyond. Graduates of the BA/MA dual degree program in Music/Music Teacher Education Pre-K-12 - BA/MA are qualified to teach in the public elementary and high schools of New York State.

Programs and Courses

Programs and Courses in Music

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Graduate Study

Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

Department Office:

416 North
(212) 772-5020
fax: (212) 772-5022
Web site: http://www.hunter.cuny.edu/music
E-mail: music@hunter.cuny.edu

Chair:

Suzanne Farrin
417 North
212 772-5026
f1357@hunter.cuny.edu

Department Office:

Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM
416 North
(212) 772-5020
fax: (212) 772-5022
http://www.hunter.cuny.edu/music

Faculty

Music Faculty

HEGIS Code: 1004
Minor in Music

The music minor consists of 15 credits in music: MUSTH 10100; MUSHL 10100 or MUSHL 10700; one course with an MUSHL prefix at the 200-level; and 6 credits of music electives, 3 of which must be at the 200-level or higher. Prospective minors who have already mastered the material taught in the required 100-level courses (MUSTH 10100 and/or MUSHL 10100 or 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see Music 25-Credit Major - BA). Music minors must substitute more advanced courses in any area of music study, which may include private lessons and ensembles, for the courses from which they are exempted. PLEASE NOTE: Music minors who wish to take private lessons for credit (MUSPF 40100) must first pass both the performance audition and music theory portions of the entrance examination.

Music - BMus

This degree is designed for students planning to pursue careers as professional performers of music or as teachers of music performance. It provides intensive instruction in the student's instrument or voice; solid training in music history and theory; and a broad, liberal arts education. Admission to this program is conditional on passing an audition (preferably before the student enters college) demonstrating a high level of skill in performance.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (60 cr.)

Music history:

MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

MUSHL 20500 - Music History I

Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.

prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
offered fall

MUSHL 20600 - Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

MUSHL 30500 - Music History III (W)

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall
and any other 3-credit MUSHL course at the 300-level

Music theory:

MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.
prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

MUSTH 22100 - Music Theory II
Continuation of MUSTH 22000.

**MUSTH 23000 - Musicianship I**

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

- **prereq:** MUSTH 22000
- **coreq:** MUSTH 23100
- **3 hrs**
- **3 cr.**
- **offered spring**

**MUSTH 23100 - Musicianship II**

Continuation of MUSTH 23000.

- **prereq:** MUSTH 23000
- **coreq:** MUSTH 22100
- **3 hrs**
- **2 cr.**
- **offered spring**

**MUSTH 32000 - Music Theory III**

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

- **prereq:** MUSTH 20100, MUSTH 22100
- **coreq:** MUSTH 33000
- **3 hrs**
- **3 cr.**
- **offered fall**

**MUSTH 33000 - Musicianship III**

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.

- **prereq:** MUSTH 23100
- **coreq:** MUSTH 32000
- **3 hrs**
- **2 cr.**
- **offered fall**

and any other 3-credit MUSTH course at the 300-level

**Private lessons:**

**MUSPF 43100 - Individual Instruction in Instrument or Voice**

Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
May be taken 8 times.

**Performance ensembles:**

For instrumentalists - 6 credits in instrumental ensembles

Choose 6 credits from the following:

**MUSPF 23100 - Hunter Symphony**

Rehearsal and performance of orchestral works. May be taken 8 times.

*prereq: audition, perm instr.*

2 hrs

1 cr.

**MUSPF 24900 - Jazz Ensemble**

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.

2 hrs

1 cr.

**MUSPF 35500 - Chamber Music Workshop**

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.

*prereq: audition, perm instr.*

2 hrs

1 cr.

**MUSPF 25000 - Jazz and Popular Music Combos**

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R & B, Country/Bluegrass, and Jazz. May be taken 6 times.

*prereq or coreq: audition, dept. permission required*

2 hrs

1 cr.

**MUSPF 36500 - Topics in Piano Performance**

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.

May be taken 4 times.

*coreq: MUSPF 40100 or 43100*

2 hrs

1 cr.
For singers

6 credits in vocal ensembles

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

*3 hrs*

*1 cr.*

**MUSPF 25100 - Jazz Vocal Workshop Ensemble**

Jazz performance and improvisation. May be taken 6 times.

*prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition*

*2 hrs*

*1 cr.*

**MUSPF 35300 - Chamber Singers**

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.

*prereq: audition, perm instr.*

*2 hrs*

*1 cr.*

**MUSPF 36900 - Topics in Vocal Performance**

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.

May be taken 4 times.

*prereq: ENGL 12000
coreq: MUSPF 40100 or 43100*

*2 hrs*

*1 cr.*

For singers, a minimum of 2 credits must be in MUSPF 36900

**Electives:**

- 4 credits in music courses above the 100-level.

**Recital:**

- A senior recital, for which no credit is given, is also required.

**Piano Proficiency Requirement**

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third
semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

Degree Map for Music 60 cr. BMus

Music 25-Credit Major - BA

This degree is designed for students who want to study music in the context of a general liberal arts education, but who do not plan to pursue careers in music. It may also be convenient for students who enter Hunter with a large number of transfer credits in music.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major

Music History

**MUSHL 20100 - Introduction to Music Research**

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

*coreq: MUSHL 20500*

*prereq or coreq: ENGL 12000*

1 hr

1 cr.

offered fall

**MUSHL 20500 - Music History I**

*Pluralism and Diversity*

PD/D

For music majors. Survey of the history of music in the European tradition to 1600.

*prereq: elementary knowledge of music history and literature, demonstrated by dept. exam*

*coreq: MUSHL 20100*

*prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.*

3 hrs

3 cr.

offered fall
MUSHL 20600 - Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

MUSHL 30500 - Music History III (W)

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall

Music Theory

MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
MUSTH 23100 - Musicianship II

Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr.
offered fall

Performance:

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.
3 hrs
1 cr.

Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

Degree Map for Music 25 Credit

Degree Map for Music 25 Credit

Music 42-Credit Major - BA

This degree is designed for students planning to pursue professional careers in music. It provides basic training in all areas of music and serves as a foundation for graduate study of any aspect of the field.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR, Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major

Music history:
MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

coreq: MUSHL 20500

prereq or coreq: ENGL 12000

1 hr

1 cr.

offered fall

MUSHL 20500 - Music History I

Pluralism and Diversity

PD/D

For music majors. Survey of the history of music in the European tradition to 1600.

prereq: elementary knowledge of music history and literature, demonstrated by dept. exam

coreq: MUSHL 20100

prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.

3 hrs

3 cr.

offered fall

MUSHL 20600 - Music History II (W)

Pluralism and Diversity

PD/D

For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.

prereq: MUSHL 20100, 20500, ENGL 12000

prereq or coreq: MUSTH 22100, 23100

3 hrs

3 cr.

offered spring

MUSHL 30500 - Music History III (W)

Pluralism and Diversity

PD/D

Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.

prereq: MUSHL 20600, MUSTH 22100, 23100

3 hrs

3 cr.

offered fall

And any other 3-credit MUSHL course at the 300-level

Music theory:

MUSTH 20100 - Introduction to Music Technology
An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.

**MUSTH 22000 - Music Theory I**

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

**MUSTH 22100 - Music Theory II**

Continuation of MUSTH 22000.

**MUSTH 23000 - Musicianship I**

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

**MUSTH 23100 - Musicianship II**

Continuation of MUSTH 23000.

**MUSTH 32000 - Music Theory III**

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.

_prereq:_ MUSTH 23100  
_coreq:_ MUSTH 32000

3 hrs  
2 cr.  
_offered fall_  
and any other 3-credit MUSTH course at the 300-level

**Performance:**

2 credits in Individual Instruction

MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

_prereq:_ perm dept.  

1 hr  
1 cr.

2 credits in large ensembles

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs  
1 cr.

MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.

_prereq:_ audition, perm instr.  

3 hrs  
1 cr.

2 credits in performance electives

MUSPF 22100 - College Choir

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs  
1 cr.
MUSPF 23100 - Hunter Symphony

Rehearsal and performance of orchestral works. May be taken 8 times.

*prereq: audition, perm instr.*

3 hrs
1 cr.

MUSPF 24900 - Jazz Ensemble

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.

2 hrs
1 cr.

MUSPF 25000 - Jazz and Popular Music Combos

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R & B, Country/Bluegrass, and Jazz. May be taken 6 times.

*prereq or coreq: audition, dept. permission required*

2 hrs
1 cr.

MUSPF 25100 - Jazz Vocal Workshop Ensemble

Jazz performance and improvisation. May be taken 6 times.

*prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition*

2 hrs
1 cr.

MUSPF 35300 - Chamber Singers

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.

*prereq: audition, perm instr.*

2 hrs
1 cr.

MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.

*prereq: audition, perm instr.*

2 hrs
1 cr.

MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance. May be taken 4 times.
MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.

May be taken 4 times.

prereq: ENGL 12000

coreq: MUSPF 40100 or 43100

2 hrs

1 cr.

MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.

May be taken 8 times.

prereq: perm dept.

1 hr

1 cr.

Electives:

- 4 credits in music courses above the 100-level

Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

Degree Map

Degree Map for Music 42 Credit

Music Bachelor's Degrees

Return to: Department of Music

- Music 25-Credit Major - BA
- Music 42-Credit Major - BA
Major Programs

The Department of Music offers three undergraduate programs and a BA/MA in Music Education for those going into a Music Education major at the graduate level. Students must take three examinations before declaring a music major:

1. Music notation, rudimentary theory, and basic musicianship skills. This examination is prerequisite to MUSTH 22000 (Music Theory I). Students who do not pass it must take MUSTH 10100 (Music Theory Fundamentals) or learn the material on their own, then repeat the examination.
2. Elementary music history and literature. This examination is prerequisite to MUSHL 20500 (Music History I). Students who do not pass it must take MUSHL 10100 (Introduction to Music) or learn the material on their own, then repeat the examination.
3. Performance audition on an instrument or voice. This examination is prerequisite to MUSPF 40100 (Private Instruction in Instrument or Voice). Students whose performance skills fall below New York State School Music Association (NYSSMA) level 2, equivalent to about one year of study, must take MUSPF 21100-MUSPF 21200 (Voice I-II), MUSPF 21300-MUSPF 21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in performance may defer the audition until the end of their first semester of study.

Prospective majors should consult the Music Department's undergraduate adviser as soon as possible to discuss these examinations and any prerequisite courses they may need before beginning the major.

Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

Grading Policies

Students must have grades of C or better in all prerequisite courses in order to take courses that are required for the major. The grade of CR may not be elected in major courses. In accordance with Hunter College policy, a course may not be taken more than twice without permission of the department.

Honors

To qualify for departmental honors in music, a student must have a 3.5 grade point average in major courses and complete an honors project, taken under the following course number. The project, which must be approved in advance by the Policy Committee, may be a research paper on a historical, theoretical, or other topic; an original composition; or a recital. All projects should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the Music Department.

MUSTH 49100 - Honors Project

Upper Jr/Sr only. Individual project of large scope in music history, theory, composition, or performance.

prereq: minimum music GPA of 3.5, perm undergrad adviser

1 sem

3 cr.
Graduate Study

Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

Philosophy

Overview

Philosophy studies the most fundamental questions that human beings ask — about individual and social action, the possibility and limits of knowledge, the truth and justification of beliefs, human nature and freedom, the existence of God and the operations of nature. Philosophy approaches these questions in a systematic way and philosophers have worked out more or less comprehensive theories to answer them (or show why they cannot be answered). The courses offered by the Philosophy Department are designed to introduce students to the main problems that philosophers study and to the main ideas of such profound and influential thinkers as Socrates, Plato, Aristotle, Augustine, Aquinas, Descartes, Hume and Kant.

Philosophy is one of the most important subjects a student can study because it develops the ability to reason clearly and critically, to write thoughtfully, to use intelligence and logic to deal with problems all too often ruled by emotion and prejudice. Philosophy also helps one develop intellectual flexibility and learn to appreciate ideas and beliefs other than those of one's own time, place, class or group. Since it develops these intellectual abilities and habits, the study of philosophy, either in individual courses or as a major or minor, is excellent preparation for any profession or occupation.

Students of philosophy pursue careers in law, business, medicine, government and the arts. Some go on to study philosophy at the graduate level with the aim either of teaching philosophy or of obtaining an advanced degree to further their career objectives.

What can I do with a degree in Philosophy?

Philosophy majors pursue many different careers. Philosophy courses are designed to provide skills that can be used across many fields, rather than to prepare you for a single career. Philosophy prepares students to pursue graduate studies in a variety of fields. Philosophy majors perform extremely well on graduate schools entrance exams and score higher on the GRE than graduates of other majors. Philosophy majors also are among the top performers on the LSAT and GMAT. But pursuing philosophy can also be intrinsically valuable—not just as a means to some end, but as an end in itself. To do philosophy—and, in particular, to do it well—is to exercise your mind in ways that reveal how powerful, creative, and open it can be.

Course Listings

The department especially encourages students majoring in or interested in philosophy, both with fewer than 6 credits toward the major in philosophy, to consult with a departmental advisor about courses and their prerequisites at this stage of their academic career.

Programs and Courses
Administration and Faculty

Chair:
Justin Garson
1417 West
(212) 772-4970
jgarson@hunter.cuny.edu

Department Office:

Hours of Operation: Monday-Friday 9:00 AM-5:00 PM
1444 West
(212) 772-4970
philo@hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/philosophy

Faculty

Philosophy Faculty
HEGIS Code: 1509

Degree Map for Philosophy, Politics and Society

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Philosophy major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express
themselves clearly and effectively. Introduction to documented research.  
*prereq: successful completion of developmental courses, if required*  
3 hrs + conf  
3 cr.

**PHILO 10600 - Philosophy, Politics and Society**

**Hunter Core**  
Individual and Society (Social Science) -I&S SS  
**Pluralism and Diversity**  
PD/D  
**GER**  
2/C  

Introduction to social and political philosophy.  
3 hrs  
3 cr.  
*offered each semester*  
- Math & Quantitative Reasoning  
- Foreign Language Level 1  
- US Experience in its Diversity

**Spring**

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**  
English Comp (EC)  
**GER**  
2/A  

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.  
*prereq: ENGL 12000*  
3 hrs + one additional conference hour  
3 cr.

**PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)**

**Pluralism and Diversity**  
PD/D  
**GER**  
3/A  

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.  
*prereq: ENGL 12000 and one previous course in philosophy.*  
3 hrs  
3 cr.

**PHILO 24600 - Political Philosophy (W)**
GER
3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
  • Foreign Language Level 2
  • Scientific World

Sophomore Year

Fall

PHILO 21500 - Foundations of Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.
  • PHILO 24800 - International Ethics (W) or PHILO 25000 - Problems of Ethics and Society (W) or PHILO 24400 Moral Philosophy (W) or PHILO 25500 Environmental Philosophy (W) Individual & Society/ Humanities
  • Life and Physical Sciences

Spring

PHILO 31800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

prereq: ENGL 12000 and two previous courses in philosophy
3 hrs
3 cr.

PHILO 34600 - Contemporary Theories of Justice (W)
A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.

*prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.*

3 hrs
3 cr.

PHILO 39300 - Philosophical Systems

GER 3/A

Study of writings of one or two major philosophers.

*prereq: variable (see Program Prerequisites)*

3 hrs
3 cr.

- World Cultures & Global Issues
- Creative Expression
- Foreign Language Level 4

Junior Year

Fall

PHILO 38000 - Major Figures in Philosophy (W)

GER 3/A

Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:

- PHILO 38010 Plato (W)
- PHILO 38011 Aristotle (W)
- PHILO 38020 Plotinus (W)
- PHILO 38063 Hume (W)
- PHILO 38068 Kant (W)
- PHILO 38070 Hegel (W)
- PHILO 38076 Marx (W)
- PHILO 38078 Nietzsche (W)
PHILO 38080 Wittgenstein (W)
PHILO 38083 Heidegger (W)
PHILO 38086 Foucault (W)

prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs

3 cr

- Philosophy Elective
- Elective
- Elective
- Elective
- Elective

Spring

- Philosophy Elective
- Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- Philosophy Elective
- Elective
- Elective
- Elective
- Elective

Spring

- Elective
- Elective
- Elective
- Elective
- Elective

Notes:

- Philosophy Electives can be chosen from 200 and 300 level PHILO courses (excluding including PHILO 171); 6 credits of this requirement may be taken from the non-departmental Faculty Advisor.

Minor in Logic

Currently, logic is studied by three distinct disciplines—Computer Science, Mathematics, and Philosophy. This minor is interdisciplinary and will introduce students to the questions about logic that these disciplines raise, their methods for
investigating these questions, and applications these disciplines may find for logic. Symbolic Logic is the foundational
course, prerequisite for the current three advanced-level courses. Students must take this course prior to declaring the
Minor in Logic. Each of the three disciplines is represented by an advanced-level course:

**Foundational Course**

This course must be taken before students are able to sign up for the Minor

**CSCI 27500 - Symbolic Logic**

Sentential logic including symbolizations, truth-value tables, formal derivations. Predicate logic including
symbolizations, interpretations, and formal derivations.

cross-listed MATH 27500, PHILO 27500
3 hrs
3 cr.

**Logic in the disciplines of Mathematics, Philosophy, & Computer Science**

**CSCI 37100 - Advanced Symbolic Logic**

A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and
completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability.
cross-listed PHILO 37500
prereq: PHILO 27500 or CSCI 27500 or MATH 27500
3 hrs
3 cr.

**CSCI 37700 - Non-classical Logic**

Logic is the systematic and precise study of reasoning—a topic of particular interest to mathematicians and computer
scientists as well as philosophers. Philosophers have often functioned as the research and development wing of this
collaboration, thinking up and formalizing new logical techniques and systems designed to solve problems that can't be
solved by traditional (a.k.a. "classical") logic. This course will be an introduction to some of these non-classical logics,
their philosophical motivations, and some of their applications.
cross-listed PHILO 37700, MATH 37700
prereq: PHILO 27500 or MATH 27500 or CSCI 27500
3 hrs
3 cr.

**CSCI 37200 - Logic and Computers**

This course introduces students to logic and its applications to modeling both computer and real-world systems. Topics
include various logics and their applications to modeling systems and reasoning for artificial intelligence, along with
proof systems and tools for automated or semi-automated reasoning in these logics.
cross-listed MATH 37200 / PHILO 37200
prereq: CSCI 15000 -or- PHILO/CSCI/MATH 27500
No more than 6 crs. that count towards the minor may be used to fulfill the major in Philosophy.

Total credits required 12

Minor in Philosophy (the Standard concentration)

Prerequisite to the minor: one of 4 introductory philosophy courses

Chose one:

PHILO 10100 - Introduction to Philosophy

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

Examination of basic philosophical questions through study of selected philosophical classics.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
offered each semester

PHILO 10400 - Introduction to Ethics and Moral Judgment

Hunter Core
Individual and Society (Humanities) -I&S H
GER
2/C

An introduction to theories of ethical reasoning and problems of moral judgment. Different theories of the good life and concepts of rightful conduct, especially regarding one's personal life and contemporary social problems, will be considered.

3 hrs
3 cr.
offered each semester

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required

3 hrs + conf
3 cr.

Standard Philosophy Minor

The philosophy minor requires 12 credits at the 200-level and above with no fewer than 3 credits at the 300-level. Exceptions: PHILO 17000 may count toward the minor at the 200-level and PHILO 20400 shall not count.

Minimum GPA for the minor

A student must pass a minor in philosophy with a minimum GPA of 3.00.

Note:

Students should always consult with a philosophy department adviser when constructing their minor. Some suggested tracks may be found on the philosophy department website http://www.hunter.cuny.edu/philosophy.

Minor in Philosophy, Politics and Society

A student must take, as a prerequisite to the minor, PHILO 10600. This course does not count toward the PPS minor. The PPS minor consists in taking 4 courses or 12 credits from the philosophy courses listed in the PPS major, at least one of which must be at the 300-level. Non-philosophy courses counting toward the PPS major concentration may not count toward the PPS minor. A student must pass the PPS minor with a minimum GPA of 3.00. Note: When constructing a minor in the PPS concentration, a student should always consult with a philosophy department advisor beforehand.

Minors in Philosophy

- Minor in Philosophy (the Standard concentration)
- Minor in Philosophy, Politics and Society
- Minor in Political Theory
• Minor in Logic

Philosophy - BA

The Philosophy Department offers two concentrations:

1. Philosophy: Standard Concentration
2. Philosophy: Concentration in Philosophy, Politics and Society

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

PHILO 10100 - Introduction to Philosophy

Hunter Core
Individual and Society (Humanities) - I&S H
GER
2/C

Examination of basic philosophical questions through study of selected philosophical classics.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
offered each semester

PHILO 10400 - Introduction to Ethics and Moral Judgment

Hunter Core
Individual and Society (Humanities) - I&S H
GER
2/C

An introduction to theories of ethical reasoning and problems of moral judgment. Different theories of the good life and concepts of rightful conduct, especially regarding one's personal life and contemporary social problems, will be considered.
3 hrs
3 cr.
offered each semester

PHILO 10600 - Philosophy, Politics and Society
Hunter Core
Individual and Society (Social Science) - I&S SS

Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester

PHILO 17000 - Introduction to Logic and Scientific Method

Hunter Core
Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.
3 hrs.
3 cr.

Note
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Advising Services for majors

The Philosophy Department offers extensive advising services to majors, including: guidance for course selection and sequencing and devising a course of study; tracking progress and compliance with college, CUNY, and state regulations; career advice; planning for graduate and professional school applications; and information about special opportunities for philosophy students. Minors may also make use of these services.

Mentoring

Philosophy majors are encouraged to establish a relationship with a faculty mentor of their choice. This relationship can be distinct from the departmental advising relationship.

Honors

To be eligible for graduation with departmental honors in philosophy, a major must have at least a 3.50 GPA in philosophy, at least a 3.0 overall GPA. The student must register for the 3- or 6-credit PHILO 49400, which is taken in addition to and is not part of the 33 credits for the major. The student must write a substantial paper under the direction of a full-time faculty member. To receive departmental honors the completed paper must be submitted to a three-member committee who will judge whether it merits departmental honors. This committee will consist of the director of the student's Honors Tutorial and two other full-time philosophy faculty members appointed by the director.

PHILO 49400 - Honors Tutorial in Philosophy
Open to Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion is one requirement for departmental honors at graduation.

**prereq:** 3.0 cum GPA and 3.50 major GPA; philosophy majors only, minor with perm instr; two 300-level PHIL courses, one of which may be taken concurrently; perm dept.

3 or 6 cr.

### Independent Study

Students may engage in independent study under the supervision of a member of the Philosophy department by receiving permission to take the following.

**PHILO 49200 - Independent Study in Philosophy**

Independent study of philosophical works under faculty supervision.

**prereq:** one PHIL course at 300-level, perm instr. (see Program Prerequisites)

1-6 cr.

### Philosophy: Concentration in Philosophy, Politics and Society

#### Courses Required for the Major (33 credits)

**One Introductory Course in Philosophy (3 cr.)**

Students are encouraged to take:

**PHILO 10600 - Philosophy, Politics and Society**

**Hunter Core**

- Individual and Society (Social Science) - I&S SS

**Pluralism and Diversity**

- PD/D
- GER
- 2/C

Introduction to social and political philosophy.

*3 hrs*

*3 cr.*

*offered each semester*

**History of Philosophy (6 cr.)**

**PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)**

**Pluralism and Diversity**

- PD/D
- GER
- 3/A
Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.

*prereq: ENGL 12000 and one previous course in philosophy.*

3 hrs
3 cr.

**PHILO 31800 - Revolutions in Modern Philosophy (W)**

**Pluralism and Diversity**

PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

*prereq: ENGL 12000 and two previous courses in philosophy*

3 hrs
3 cr.

**Political Philosophy (3 cr.)**

**PHILO 24600 - Political Philosophy (W)**

GER
3/B

Study of selected philosophical problems in politics, law, economics and society.

*prereq: ENGL 12000 and one previous course in philosophy.*

3 hrs
3 cr.

**Social Philosophy (3 cr.)**

One of:

**PHILO 24400 - Moral Philosophy (W)**

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.

*prereq: ENGL 12000 and one previous course in philosophy.*

3 hrs
3 cr.

**PHILO 24800 - International Ethics (W)**

GER
3/B
Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.

prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

PHILO 25000 - Problems of Ethics and Society (W)

GER 3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.

prereq: ENGL 12000 and one previous course in philosophy.

3 hrs
3 cr.

PHILO 25500 - Environmental Philosophy (W)

Hunter Core
Individual and Society (Social Sciences) I&S SS
Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.

prereq: ENGL 12000

3 hrs
3 cr.

Intensive Study of a major philosopher, preferably concerning their political and/or social ideas (3 cr.)

One of:

PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER 3/A

Study of 20th-century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.

prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level

3 hrs
3 cr.

PHILO 38000 - Major Figures in Philosophy (W)

GER 3/A
Intensive study of the works and legacy of a major philosopher. The course may be repeated as different figures are offered. Figures include:

- PHILO 38010 Plato (W)
- PHILO 38011 Aristotle (W)
- PHILO 38020 Plotinus (W)
- PHILO 38063 Hume (W)
- PHILO 38068 Kant (W)
- PHILO 38070 Hegel (W)
- PHILO 38076 Marx (W)
- PHILO 38078 Nietzsche (W)
- PHILO 38080 Heidegger (W)
- PHILO 38086 Foucault (W)

**prereq:** Two courses in philosophy, at least one of which is at the 200 level.

3 hrs
3 cr

**PHILO 39300 - Philosophical Systems**

**GER**

3/A

Study of writings of one or two major philosophers.

**prereq:** variable (see Program Prerequisites)

3 hrs
3 cr.

Study of Recent Issues in Political and Social Philosophy (3 cr.)

One of:

**PHILO 34600 - Contemporary Theories of Justice (W)**

**GER**

3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

**PHILO 34800 - Philosophy of Human Rights (W)**

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women’s and environmental rights.

**prereq:** ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
PHILO 39400 - Philosophical Problems

GER
3/A

Study of one or more major philosophical problems.
prereq: variable (see Program Prerequisites)
3 hrs
3 cr.

Electives (12 cr.)

4 courses on 20000-, 30000-, or 40000-level (but including PHILO 17000, and excluding PHILO 49400), including 2 on 30000- or 40000-level; 2 may be approved non-philosophy courses; 1 recommended on logic (e.g., PHILO 17000 or a suitable substitute such as 20095 Reason and Argument), and 1 recommended on philosophy of gender or race (e.g., PHILO 22600 or PHILO 23000)

Nondepartmental courses to satisfy elective requirement

AFPRL 40100 - Pan-Africanism

GER
3/B

Seminar traces development of Pan-Africanism through the 20th century.
Not open to freshmen.
prereq: AFPRL 20200 or 20400 or 20600
3 hrs
3 cr.

AFPRL 40200 - African American Political Thought

GER
3/B

Comparative theorists; methods and ideological currents.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr.

HIST 33100 - European Culture in the 16th, 17th and 18th Centuries (W)

GER
3/B

The impact of the Reformation, Counter- Reformation, the Scientific Revolution and related movements.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 33200 - Modern Culture from the 18th to the 20th Centuries

GER
3/B

From the impact of the Scientific Revolution and the Enlightenment to recent literature, art, religion and science. European political and social thought. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

POLSC 20100 - Ancient to Early Modern Political Thought (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 20200 - Modern Political Thought (1600-1900) (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 20300 - Political Thought Since 1900 (W)

Pluralism and Diversity
PD/D
GER
3/B

Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.
prereq: ENGL 12000 or its equivalent
POLSC 20400 - Contemporary Issues in Political Theory

GER
3/B

Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority.

POLSC 20451 Women in Western Political Thought meets PD/D
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B

Examines history of political thought from the perspective of gender relations and the treatment of women.
cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 30100 - American Political Thought (W)

GER
3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.
prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr.

POLSC 30300 - Democracy and Emergency (W)

GER
3/B

This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.
prereq: ENGL 12000 and one course in Political Theory
4
**POLSC 30400 - Contemporary Issues in Political Theory**

**GER**
3/B

Selected topics in political theory.

*prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr*

3 hrs
3 cr.

**POLSC 30500 - Democratic Theory (W)**

**GER**
3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice.

*prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.*

3 hrs
3 cr.

**POLSC 30700 - Theory of Revolution**

**GER**
3/B

Traditional and modern revolutions. Conditions and objectives of socialist and communist revolutions.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**POLSC 30900 - Feminist Political Theory (W)**

**Pluralism and Diversity**

**PD/C**

**GER**
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.

*cross-listed WGST 30900 (W)*

*prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.*

3 hrs
3 cr.

**POLSC 31100 - Utopian Theory (W)**

**GER**
3/B
Political theorists often imagine ideal worlds, both to explore ideals and to criticize political realities. This course will explore utopias and dystopias as theories that explore political possibilities and challenge existing realities.

**prereq:** ENGL 12000 or its equivalent; one course in political theory or perm dept.

3 hrs
3 cr.

**POLSC 31600 - Political Theory of Human Rights (W)**

**GER**
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.

**prereq:** ENGL 12000 or its equivalent; one course in political theory or perm instr.

3 hrs
3 cr.

**PUPOL 40000 - Capstone Seminar**

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper.

Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.

These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements.

This course is taken at the state of the art Roosevelt House.

**prereq:** Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.

3 hours
3 credits

**SOC 22100 - Classical Sociological Theory**

**Pluralism and Diversity**

PD/D

**GER**
3/B

Classical theorists and their contributions.

**prereq:** SOC 10100

3 hrs
3 cr.

**SOC 22300 - Contemporary Sociological Theory (W)**

**GER**
3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.

**prereq:** SOC 10100, SOC 22100, and ENGL 12000
Elective courses recommended for students with particular interests

Elective credits should be carefully chosen to focus students' programs on their present interests and future needs. The following courses are recommended for students with particular interests.

Graduate study in philosophy

PHILO 27500 - Symbolic Logic

GER
3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.

cross-listed MATH 27500
3 hrs
3 cr.

PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

Admission to Law School

PHILO 27500 - Symbolic Logic

GER
3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.

cross-listed MATH 27500
3 hrs
3 cr.

PHILO 24400 - Moral Philosophy (W)

GER
3/A

Study of selected problems in philosophical ethics and moral psychology.
Careers in Public Administration

PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.  
_prereq: ENGL 12000 and one previous course in philosophy._
3 hrs
3 cr.

Careers in Foreign Service

PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.  
_prereq: ENGL 12000 and one previous course in philosophy._
3 hrs
3 cr.

POLSC 31600 - Political Theory of Human Rights (W)

GER
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.  
_prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr._
3 hrs
3 cr.

An additional course relating philosophy to international relations

Careers in Social Welfare

PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance,
racism and environmental destruction.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

SOC 22100 - Classical Sociological Theory

Pluralism and Diversity
PD/D
GER
3/B

Classical theorists and their contributions.
prereq: SOC 10100
3 hrs
3 cr.

SOC 22300 - Contemporary Sociological Theory (W)

GER
3/B

Significance of concepts and nature of evidence applied to leading theories. Theory construction.

prereq: SOC 10100, SOC 22100, and ENGL 12000
3 hrs
3 cr.

Note:

Certain new, ad hoc, or independent study courses may be taken in partial satisfaction of requirements listed above, if they are approved by the Philosophy, Politics and Society major concentration adviser.

Degree Map

Degree Map for Philosophy, Politics and Society

Philosophy: Standard Concentration

Courses Required for the Major (33 credits)

One of the following (3 cr.)

PHILO 10100 - Introduction to Philosophy

Hunter Core
Individual and Society (Humanities) - I&S H
GER
Examination of basic philosophical questions through study of selected philosophical classics.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
offered each semester

PHILO 10400 - Introduction to Ethics and Moral Judgment

Hunter Core
Individual and Society (Humanities) - I&S H
GER
2/C

An introduction to theories of ethical reasoning and problems of moral judgment. Different theories of the good life and concepts of rightful conduct, especially regarding one's personal life and contemporary social problems, will be considered.

3 hrs
3 cr.
offered each semester

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) - I&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.

3 hrs
3 cr.
offered each semester

1. Logic (3 cr.)

PHILO 17000 - Introduction to Logic and Scientific Method

Hunter Core
Scientific World
An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.

3 hrs.
3 cr.

-or-

PHILO 27500 - Symbolic Logic
Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations. 
cross-listed MATH 27500
3 hrs
3 cr.

2. History of Philosophy (9 cr.)

PHILO 21200 - Classical Greek Philosophy: Plato and Aristotle (W)

Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 21500 - Foundations of Modern Philosophy (W)

Study of major philosophers of the 17th and early 18th centuries such as Descartes, Spinoza, Leibniz, Locke, Berkeley and Hume.

prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 31800 - Revolutions in Modern Philosophy (W)

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

prereq: ENGL 12000 and two previous courses in philosophy
3 hrs
3 cr.

3. Ethics, Politics and Aesthetics (3 cr.)
any course from

PHILO 24400 - Moral Philosophy (W)

GER
3/A
Study of selected problems in philosophical ethics and moral psychology.
 prereq: ENGL 12000 and one previous course in philosophy.
 3 hrs
 3 cr.

PHILO 24600 - Political Philosophy (W)

GER
3/B
Study of selected philosophical problems in politics, law, economics and society.
 prereq: ENGL 12000 and one previous course in philosophy.
 3 hrs
 3 cr.

PHILO 25800 - Aesthetics (W)

GER
3/A
Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of
 expression, purpose and standards of criticism and aesthetic value.
 prereq: ENGL 12000 and one previous course in philosophy.
 3 hrs
 3 cr.

4. Metaphysics and Epistemology (3 cr.)

any course from

PHILO 36000 - Metaphysics (W)

GER
3/A
Study of major metaphysical views, such as materialism, idealism, nominalism and realism. The major question is:
 What is reality and how may it be known?
 prereq: Two courses in philosophy, at least one of which is at the 200 level.
 3 hrs
 3 cr.

PHILO 36200 - Theory of Knowledge (W)
GER
3/A

Study of origin, structure, methods and foundations of human knowledge.

prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs

3 cr.

PHILO 36400 - Philosophy of Language (W)

GER
3/A

Inquiry into the philosophical significance of language, its structure, meaning, reference and use.

prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs

3 cr.

PHILO 36600 - Philosophy of Mind (W)

GER
3/A

Examination of the concept of mind and the person. Topics include thinking, intention, consciousness, supervenience, emotion, self-knowledge.

prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs

3 cr.

PHILO 37800 - Philosophy of Biology (W)

Philosophical problems of biology, including evolutionary biology, molecular biology and genetics, and neuroscience.

prereq: ENGL 12000 and 2 courses in philosophy, at least one at the 200-level

3 hrs

3 cr.

PHILO 37900 - Philosophy of Science (W)

GER
3/B

Study of foundations of knowledge in natural and social sciences.

prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs

3 cr.

5. Intensive Study of a Major Philosopher (3 cr.)

any course from those offered under PHILO 38000 Major Figures in Philosophy (W)
6. Additional Required Credits (9 cr.)

Chosen in consultation with an adviser. Students are required to select at least one course (3 cr.) at the 300-level. Also they are encouraged to select courses that acquaint them with philosophic traditions other than the dominant Western ones.

Degree Map

Degree Map for Philosophy BA

Physics and Astronomy

Overview

Physics is the study of the basic interactions that govern the behavior of the universe as we know it. As such, a knowledge of physics is necessary for the proper understanding of any science, and, of course, it is an exciting field of study in its own right. The primary mission of the Department of Physics and Astronomy is to provide an outstanding education for our students. Our curriculum serves undergraduate liberal arts students who seek, by the study of physics, to acquire critical thinking skills and develop the understanding and problem-solving abilities which are increasingly needed in our technological society. Undergraduate science majors pursue courses of study such as pre-medicine and computer science, in which a sound foundation in physics is essential to further advancement. The major includes lecture courses, laboratory courses, and a chance for qualified students to participate in research with faculty members.

What can I do with my degree in Physics?

The department offers comprehensive training in physics that can lead to industrial, institutional and government work; graduate study, and a teaching position in grades 7-12

Physics for Non-Physics Majors

A minimum of one year of physics is recommended for all majors in sciences and health sciences.

Medical and dental schools also require one year of physics. Students requiring one year of physics may take either the PHYS 11000 (STEM)-PHYS 12000 (STEM) sequence (9 cr) or the PHYS 11100 (STEM)-PHYS 12100 (STEM) sequence (11 cr). Although both sequences cover the same topics, PHYS 11100 (STEM)-PHYS 12100 (STEM) utilizes elementary calculus and meets for one additional lecture hour each week. It is recommended for science students and those premed students who satisfy the mathematics prerequisite. PHYS 10000 (3 cr) should be taken only by those who want a one semester terminal course in physics; it does not satisfy pre-professional requirements. Students should take no more than one first-semester course (PHYS 10100, PHYS 11000 (STEM), PHYS 11100 (STEM)) and no more than one second-semester course (PHYS 12000 (STEM), PHYS 12100 (STEM)) since they may receive credit for no more than one course from each group.

Programs and Courses

Programs and Courses in Physics & Astronomy
Administration and Faculty

Chair:

Ying-Chih Chen
1238 North
(212) 772-4526
y.c.chen@hunter.cuny.edu

Department Office:

Hours of Operation: Monday-Friday 9:00 AM - 5:00 PM
1225 North
(212) 772-5248
Web site: http://www.hunter.cuny.edu/physics

1224 North
(212) 650-3029
Administrative Coordinator: Nanette Rivers
nrivers@hunter.cuny.edu

Chair:

Ying-Chih Chen
1238 North
(212) 772-4526
y.c.chen@hunter.cuny.edu

Faculty

Physics and Astronomy Faculty

HEGIS Code: 1902

Degree Map for Physics Option 2

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Physics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.
Freshman Year

Fall

- CHEM 10200 (STEM) - General Chemistry I
- MATH 15000 (STEM) - Calculus with Analytic Geometry I
- ENGL 12000 - Expository Writing
- PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Spring

- MATH 15500 (STEM) - Calculus with Analytic Geometry II
- CHEM 10400 (STEM) - General Chemistry II
- CHEM 10600 (STEM) - General Chemistry Laboratory
- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Sophomore Year

Fall

- ENGL 22000 - Introduction to Writing about Literature (W)
- BIOL 10000 (STEM) Principles of Biology I
- MATH 25000 - Calculus with Analytic Geometry III
- PHYS 33000 - Atomic and Nuclear Physics

Spring

- BIOL 10200 (STEM) Principles of Biology II
- PHYS 33400 - Intermediate Electricity and Magnetism
- Foreign Language Elementary Level 1
- US Experience in Its Diversity

Junior Year

Fall

- Foreign Language Elementary Level 2
- Individual and Society/ Social Sciences
- CHEM 22200 Organic Chemistry Lecture I
- PHYS 33600 Thermodynamics and Statistical Mechanics

Spring
• Foreign Language Intermediate Level 3
• Individual and Society/ Humanities
• BIOL 20300 Molecular Biology and Genetics
• PHYS 42000 Introduction to Biophysics

Senior Year

Fall

• Foreign Language Intermediate Level 4
• Creative Expression
• BIOL 30000 Biological Chemistry
• ELECTIVE

Spring

• World Cultures & Global Issues
• ELECTIVE
• ELECTIVE
• ELECTIVE (If needed)

Notes:

• For students who place below MATH 150, please note the following Math sequence: MATH 101 – MATH 12550 – MATH 150. If you start MATH 125 Precalculus, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

Minor in Physics

A minor in Physics consists of a minimum of 12 credits of PHYS courses, including two courses numbered above 200 or one course numbered above 300. Students who wish to enroll in the Physics Minor must have completed:

• MATH 15000 and MATH 15500.

The prerequisites for the 300-level courses include MATH 25000 and/or MATH 25400.

Physics - BA

Our undergraduate curriculum serves undergraduate liberal arts students who seek, by the study of Physics, to acquire critical thinking skills and develop the understanding and problem-solving abilities which are increasingly needed in our technological society. We prepare our undergraduate physics majors for graduate and professional schools or a variety of careers, including teaching, engineering, medicine, computer science, and industrial research and development.

One of the following 2 options (concentrations) may be taken.
- Physics Option 1 (53-72 credits)
- Physics Option 2 (65-81 credits)

Graduate Study

The Department of Physics and Astronomy offers a number of advanced courses, listed in the graduate catalog, which give credit toward the degree of master of arts. Qualified undergraduate students may be admitted to these courses with the approval of the department chair.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Honors Work

The opportunity for students to do individual research (experimental or theoretical) is offered in courses

**PHYS 45300 - Introduction to Research**

Independent theoretical or experimental research or independent study of approved topic.

*prereq: PHYS 33000, 33400, 33500, and 42700 or perm chair
1-3 cr.*

**PHYS 45400 - Introduction to Research**

Independent theoretical or experimental research or independent study of approved topic.

*prereq: PHYS 45300 or perm chair
1 to 3 cr.*

Articulation Agreement

Articulation Agreement with New York City College of Technology

An agreement is in place for students from New York City College of Technology (CUNY) who successfully complete an associate degree in science in Liberal Arts (LAS) with at least a 2.0 overall grade-point average to be accepted into the Hunter College BA program in Physics. Consult the physics and astronomy department for further information.

**Physics - BA/MA**

This special program for a limited number of well qualified students leads to a bachelor of arts and a master of arts degree. Students are offered the opportunity to quickly reach a level where they are competitive for admission into any doctoral program in physics. The program requires 83-100 credits (including the 53-72 credits required for a physics BA major and 30 credits from the MA in Physics). Because this program requires a large number of physics courses, many of which have other physics courses as prerequisites, students in this program should begin taking physics
courses in their first or second semester. Students should consult with the department chair, undergraduate adviser or graduate adviser for details as early as possible.

Physics Option 1 (53-72 credits)

Physics MA

Physics - Option 2 (65-81 credits)

Return to Programs and Courses in Physics & Astronomy

The Biophysics concentration) is recommended for students planning to pursue graduate studies and industrial R&D in biological related areas in physics, chemistry, bioengineering, and material sciences. This concentration is designed to allow the students to gain a solid foundation in physics and biology, together with a specially-designed course in biophysics which demonstrates the disciplinary interface between the two. The concentration requirements consist of courses in physics (27 cr), mathematics (5-22 cr), chemistry (15 cr) and biology (18 cr).

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Physics major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 11100 (STEM)</td>
<td>Life and Physical Sciences (LPS) and Scientific World (SW)</td>
</tr>
<tr>
<td>PHYS 12100 (STEM)</td>
<td>Life and Physical Sciences (LPS) and Scientific World (SW)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (65-81 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Courses in Physics (27 credits)

**PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**
Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr.

PHYS 33400 - Intermediate Electricity and Magnetism

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.
prereq: PHYS 12000 or 12100
prereq or coreq: MATH 25000
4 hrs
4 cr.

PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws.
prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr.

PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living
systems, on the physical kinematics of macromolecules and other biological structures and on the theory of physical

*prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.*

4 hrs
4 cr.

Courses in Mathematics (5-22 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)
3 cr.

**MATH 101EN - Algebra for College Students - Enhanced**

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

*prereq: Department Permission*

6 hrs
3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.
prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

-or-

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

-or-

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.
Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.
prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.  
**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test. 
4 hrs 
4 cr. 

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**  
Math/Quantitative Reasoning 
**GER**  
1/B 

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates. 
**prereq:** grade of C or better in MATH 15000 
4 hrs 
4 cr. 

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus. 
**prereq:** MATH 15000 
**prereq or coreq:** MATH 15500 
2 hrs 
1 cr. 

**MATH 25000 - Calculus III**

**GER**  
3/B 

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration. 
**prereq:** MATH 15500, MATH 15600 
4 hrs 
4 cr. 

Courses in Chemistry (15 credits)

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**  
Scientific World (SW); Life and Physical Sciences (LPS) 
**GER**  
2/E 

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. 
Primarily for pre-med, medical laboratory sciences and science majors.
prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

Courses in Biology (18 credits)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity

PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv.
(for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

BIOL 30000 - Biological Chemistry
GER
3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10
prereq: Open only for majors.
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

*These courses may be counted for credit in more than one program.

Degree Map for Physics Option 2

Degree Map for Physics Option 2

Physics Option 1 (53-72 credits)

Return to Programs and Courses in Physics & Astronomy

For students in the BA/MA program, students intending to teach grades 7-12, and students intending to enter the medical profession.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 11100 (STEM)</td>
<td>Life and Physical Sciences (LPS) and Scientific World (SW)</td>
</tr>
<tr>
<td>PHYS 12100 (STEM)</td>
<td>Life and Physical Sciences (LPS) and Scientific World (SW)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.
A. Introductory Math Sequence (0-17 credits)

**MATH 10100 - Algebra for College Students**

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate score on placement exam or exit from appropriate departmental workshop*

4 hrs (2 lec, 2 lab)

3 cr.

-or-

**MATH 101EN - Algebra for College Students - Enhanced**

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

*prereq: Department Permission*

6 hrs

3 cr.

**MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

*prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.*

2 hrs

1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

**Hunter Core**

Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

*prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550.*

4 hrs

4 cr.

-or-
MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs
4 cr.

-or-

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500

5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

AND

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better; AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

B. Introductory Physics: Two Semesters (11 credits)

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER
2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.
prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

C. 22- to 24-credit concentration in physics courses at the 200 level and higher:

PHYS 22100 - Electronics
*prereq: PHYS 12000 or PHYS 12100* 
4 hrs  
4 cr.

**PHYS 33000 - Atomic and Nuclear Physics**

Examines experimental evidence and develops modern view of structure of atom and nucleus.  
*prereq: PHYS 12000 or 12100* 
*prereq or coreq: MATH 25000*  
4 hrs  
4 cr.

**PHYS 33400 - Intermediate Electricity and Magnetism**

Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.  
*prereq: PHYS 12000 or 12100* 
*prereq or coreq: MATH 25000*  
4 hrs  
4 cr.

**PHYS 33500 - Intermediate Mechanics**

Study of laws of motion and coordinate systems; introduction to powerful analytical techniques.  
*prereq: PHYS 12000 or 12100* 
*prereq or coreq: MATH 25000*  
4 hrs  
4 cr.

Any Three of the following 5 courses:

**PHYS 22200 - Electronics Laboratory**

GER  
3/B  
Experiments are performed with passive devices (capacitors, inductors, resistors) and active devices (diodes, transistors). A variety of transistor amplifier and oscillator circuits are studied as well as integrated circuit applications.  
*prereq: PHYS 22100*  
4 hrs  
2 cr.

**PHYS 23000 - Classical Physics Laboratory**

GER  
3/B
Selected experiments of mechanics, electricity/magnetism, and thermodynamics. Experiments may include driven oscillator resonance, coupled oscillators, liquid nitrogen heat of vaporization, Fourier analysis/filtering, ferromagnetic hysteresis, and the nonlinear pendulum period. Elementary error analysis techniques and computer software for data analysis/graphing.

**PHYS 23500 - Modern Physics Laboratory**

**GER**

3/B

Selected experiments of quantum physics and optics. Experiments may include nuclear half-life, microwave diffraction, Bragg scattering of x-rays, nuclear multichannel scintillation, Franck-Hertz quantum levels, Millikan oil drop. Error analysis techniques including Gauss and Poisson distributions and correlation of data. Programming for data analysis.

**PHYS 38500 - Numerical Methods I**

Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations. Cross-listed as MATH 38500 and CSCI 38500 so that students in the mathematics and computer science departments can use the course toward the completion of their major requirements.

**PHYS 48500 - Numerical Methods II**

Topics in numerical methods selected from solutions of linear equations, interpolating functions, root finding methods, nonlinear equations, Fourier series and the fast Fourier transform, partial differential equations. A major term project will be assigned. Cross-listed as MATH 48500 and CSCI 48500 so that students in the mathematics and computer science departments can use the course toward the completion of their major requirements.

**D. Required Math & Chemistry courses (20 credits)**

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**MATH 15500**

2 hrs

1 cr.
MATH 25000 - Calculus III

**GER**
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

*prereq: MATH 15500, MATH 15600*

4 hrs
4 cr.

MATH 25400 - Ordinary Differential Equations

**GER**
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

*prereq: MATH 25000*

3 hrs
3 cr.

CHEM 10200 (STEM) - General Chemistry I

**Hunter Core**

Scientific World (SW); Life and Physical Sciences (LPS)

**GER**

2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

*prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500*

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

**Hunter Core**

Life and Physical Sciences (LPS) Scientific World (SW)

**GER**

2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

*prereq: CHEM 10200 with grade of C or better*

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory
**Hunter Core**  
Life and Physical Sciences (LPS); Scientific World (SW)  
**Pluralism and Diversity**  
GER 2/E  
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.  
Primarily for pre-med, medical laboratory sciences and science majors.  
*prereq: CHEM 10200  
coreq: CHEM 10400  
6 hrs  
3 cr.*  

---  

* These courses may be counted for credit in more than one program.  
**NOTE:** The chemistry courses may be substituted by one year of high-school-level chemistry. Together, the introductory physics (11 credits) and the Option 1 22-24 credit concentration in physics satisfy the major requirement for initial certification as a teacher of physics in grades 7-12. Option 1, together with the MA (see the Physics - BA/MA), is recommended for students planning to pursue a PhD in physics.

### Preparation for Teaching

The Option 1 major in physics satisfies the requirements for NY State initial certification of at least 30 credits for teachers in adolescent education: physics (grades 7-12). Students planning to become physics teachers at the secondary level should take the 23 credit sequence in secondary education. Students preparing to teach physics are advised to include the following courses or their equivalents in their undergraduate program:

#### ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises

**GER**  
2/E with lab  
An introductory, one-semester astronomy course designed for non-science majors. Topics include: basic observational features of the night sky, and their explanations; Kepler's laws of planetary motion; Newton's laws of motion and gravitation. Properties of light, and how it reveals the nature of its source. Origin, properties, and evolution of our solar system. The origin and evolution of stars, including giants, dwarfs, supernovae, neutron stars, and black holes. Structure of The Milky Way and other type of galaxies. Cosmology, Hubble's Law and the expanding universe, from the Big Bang to the present; future scenarios.  
The lab consists of traditional hardware experiments and virtual online experiments. Students taking this course will be required to submit online and hard-copy laboratory reports.  
5 hrs  
4 cr.

#### GEOL 10000 - Introduction to Geology

**Hunter Core**  
Scientific World (SW)  
**GER**  
2/E  

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and
environmental studies courses.
3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

**Degree Map**

Degree Map for Physics Option 1

**Political Science**

**Overview**

Political science deals with the various political, social, economic, and cultural arrangements through which people govern their lives. It attempts to interpret the past and explain the present, and often dares to draw images of the future. As a field of study, it covers several fields, from the evolution of political philosophy and the implications of contemporary political concepts to the problems of development in emerging nations, from the performance American government at the local, state, and national levels to the interaction of peoples and states in the international arena. In short, the discipline ranges across broad and diverse areas of inquiry.

Many people think of politics in terms of what governments do, but political science also covers much else. Students will find courses on the ideas of great thinkers from Plato to the present, the problems of cities, war and peace, democratic and authoritarian political systems, international political economy, human rights, women and politics, political parties and forms of political participation that include interest groups and social movements, constitutional and international law, public policies such as immigration, the domestic and foreign policies of the United States and other countries, and the political systems of various regions around the world including the Middle East, Latin America, Africa, and Asia.
What can I do with my degree in Political Science?

Some political science majors choose to enter public service upon completing their bachelor's degrees, working for government agencies or nonprofit organizations. Other popular careers have included teaching, business, and journalism. Still other graduates enter politics. Many pursue law school – more political science majors attend law school than majors from any other department at the college – or some other kind of graduate training. Graduates have earned advanced degrees in international affairs, public policy, public administration, journalism, social work, and other fields. In sum, political science prepares students for a variety of career opportunities as well as for a lifetime of active citizenship.

Programs and Courses in Political Science

Programs and Courses in Political Science

Administration and Faculty

Chair:
Zachary Shirkey
1724A West
(212) 772-5503
Polscl@hunter.cuny.edu

Department Office:

Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM
1724 West
(212) 772-5500
Web site: http://www.hunter.cuny.edu/polisci/

Faculty

Political Science Faculty

HEGIS Code 2207

Degree Map for Political Science

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Political Science major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year
Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**  
English Comp (EC)
**GER**  
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

- Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- Individual and Society/ Social Sciences

**POLSC 11000 - American Government: A Historical Introduction**

**Hunter Core**  
US Experience in its Diversity (USED)
**GER**  
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

*prereq: ENGL 12000 (or equivalent)*

*prereq or coreq: ENGL 12000 or its equivalent*

3 hrs

3 cr.

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**  
English Comp (EC)
**GER**  
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and
appreciation of literature as well as more extensive experience with academic writing.

**prereq: ENGL 12000**

3 hrs + one additional conference hour

3 cr.

- POLSC 10000, POLSC 11500, POLSC 20000 or POLSC 25000
- Creative Expression
- Foreign Language - Elementary Level 2
- Life and Physical Sciences

**Sophomore Year**

**Fall**

- POLSC 10000, POLSC 20000 or POLSC 25000 or any 200 level course
- Scientific World
- Foreign Language - Intermediate Level 3
- Elective
- Elective

**Spring**

- POLSC 20000 or POLSC 25000 or any 200 level course
- Individual and Society/ Humanities
- Foreign Language - Intermediate Level 4
- Elective
- Elective

**Junior Year**

**Fall**

- POLSC Elective
- POLSC 300 Level Elective
- POLSC 300 or 400 Level Elective
- Elective
- Elective

**Spring**

- POLSC Elective or 300 level Elective
- POLSC 300 Level Elective
- Elective
- Elective
- Elective
Senior Year

Fall

- POLSC 300 or 400 Level Elective
- POLSC Elective or Elective
- POLSC Elective or Elective
- POLSC 49100 (honors track) or Elective
- POLSC 49300 (honors track) or Elective

Spring

- POLSC 49200 or Elective
- POLSC 300- or -400 level Elective
- Elective
- Elective
- Elective

Notes

- Majors are required to take at least one course in each of the four following subfields of the discipline: American Government, Political Theory, Comparative Politics, and International Relations
- Majors must complete at least three 300-level courses (from any subfields)
- Students may distribute their remaining courses in the major as they see fit. However, students contemplating graduate work are encouraged to specialize appropriately in consultation with the department's faculty members.
- No more than 6 credits in internship, independent study, and or/ experiential courses (such as Model United Nations) may be used to satisfy the 30 credits in the major. Also, such credits may not be used to satisfy the distribution requirements in the four fields. Courses taken for Credit/No Credit may not be applied toward the major.
- POLSC 491, 492, and 493 are only for Political Science majors, with a 3.5 GPA in the major, who elect to complete the POLSC Honors Thesis.

Minor in International Relations

The International Relations (IR) minor is an inter-disciplinary course of study that allows students to examine international relations from different perspectives within a liberal arts curriculum. The International Relations minor introduces students to the major themes in IR: IR theories and approaches, peace and security, international political economy, foreign policy, and international norms and institutions.

Requirements

- 15 credit minor—Students are required to complete at least one course from Group A and at least one course from two of the other four categories (Groups B-E).
- Students can take no more than three courses from one department.
- Students may not use more than one 100-level course towards completion of the IR minor.
• Students must complete at least one 300-level course to fulfill the requirements of the IR minor.
• No more than two courses from the student's major can be applied toward the IR minor.

A. IR Theories and Approaches

These courses teach students the skills necessary to think and write clearly about IR.

**ECO 20000 - Principles of Microeconomics**

**GER**
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.

*May be taken prior to or concurrently with ECO 20100.*

*prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000* 3 hrs 3 cr.

**ECO 20100 - Principles of Macroeconomics**

**GER**
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.

*May be taken prior to or concurrently with ECO 20000.*

*prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000* 3 hrs 3 cr.

**GEOG 24400 - Political Geography**

**GER**
3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.
prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr.

POLSC 11500 - Introduction to International Relations (W)

Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B

Diplomacy, power, war, peace, terrorism, nationalism, imperialism, the UN, structures and processes of world politics.
prereq or coreq: ENGL 12000
3 hrs.
3 cr.

POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)
prereq: ENGL 12000 or its equivalent
3 hrs.
3 cr.

POLSC 37700 - Theories of International Politics (W)

GER
3/B

An examination of the central concepts and issues in international politics that underpin the main theoretical debates in the field.

prereq or coreq: ENGL 12000 and any course in International Relations
4 hrs
4 cr.

B. Foreign Policy and Analysis

These courses emphasize the foreign policies of countries or regions and research design and methods in IR.
POLSC 20600 - Research Design in Political Science (W)

GER
3/B

Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.

prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent

3 hrs
3 cr.

POLSC 27600 - Global Issues (W)

GER
3/B

Examination of current global issues using traditional and critical international relations perspectives. Topics vary each semester: population growth, food insecurity, human trafficking, the future of the euro, immigration challenges in Europe, climate change, resource shortages, global poverty, shared values, and other issues.

prereq: ENGL 12000 or its equivalent

3 hrs
3 cr.

POLSC 27400 - American Foreign Policy (W)

GER
3/B

Broad overview of the sources, processes, institutions, traditional tenets, current challenges, and aims of American foreign policy.

prereq: ENGL 12000 or its equivalent

3 hrs
3 cr.

POLSC 37800 - Russian National Interest: Past and Present (W)

Pluralism and Diversity
PD/D
GER
3/B

In a contemporary, historical and comparative context, this course will explore the factors influencing debates on and definitions of Russia's national interests, the strategies for promoting those interests and the implications for Russia and the international system.

prereq: ENGL 12000 and (POLSC 11500 or POLSC 25000 or POLSC 11700 or POLSC 27000)

3 hrs.
3 cr.

POLSC 38400 - Comparative Foreign Policy (W)
An analysis of why states have different foreign policies and the sources of those differences. Various factors such as power, political culture, religion, regime type, history, economic and state development, and individuals will be explored.

prereq: ENGL 12000 and any course in International Relations
4 hrs.
4 cr.

**ECO 22100 - Economic Statistics**

**Hunter Core**
Mathematics and Quantitative Reasoning

**GER**
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3 hr lecture or 2 hr lecture/1 hr discussion
3 cr.

**POLSC 27100 - International Politics in the Americas (W)**

**Pluralism and Diversity**
PD/A

**GER**
3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
cross-listed LACS 43432
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

- HIST 34115 - History of US-Latin American Relations

**C. International Norms and Institutions**

These courses teach students how global cooperation has been achieved through the creation of international law, international norms, and international institutions.

**POLSC 27800 - International Organizations (W)**

**GER**
3/B

Powers, functions and effectiveness of international institutions; emphasis on United Nations and regional organizations.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.
POLSC 28100 - Drugs, Politics and Public Policy (W)

GER
3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and market factors, constitutional implications and United States foreign policy.

prereq: ENGL 12000
3 hrs
3 cr.

POLSC 37400 - International Human Rights (W)

GER
3/B

An examination of the origins, substance and processes of human rights in international relations.

prereq: ENGL 12000 and any course in International Relations or Comparative Politics.
3 hrs
3 cr.

POLSC 37500 - International Law (W)

GER
3/B

Theory of and case studies on the nature, sources, practices and efficacy of international law, principles and rules.

prereq: ENGL 12000 and any course in International Relations
3 hrs
3 cr.

POLSC 38300 - Rising Powers, China, the U.S. and World Order (W)

GER
3/B

An examination of global power shifts and their consequences for international competition and order. Draws on theoretical insights to explain patterns in historical and contemporary cases, including the current rise of China and other "BRICS" countries.

prereq: ENGL 12000 and any course in International Relations
4 hrs
4 cr.

GEOG 33500 - International Pollution Issues

GER
3/B
A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events. 

**Prereq:** GEOG 101 or GEOL 101 or PGEO 130 or perm instr.

3 hrs

3 cr.

**PGEOG 36100 - Global Climatic Change**

**GER**
3/B

Open to Jt/Sr only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.

**Prereq:** PGEO 13000 or GEOL 10100 or 10500

3 hrs

3 cr.

**D. International Political Economy**

These courses emphasize international trade, finance, and development.

**POLSC 27500 - Politics of the Global Economy (W)**

**GER**
3/B

Introduction to International Political Economy (IPE). Examines the dynamic interaction between politics and economics across national borders, including the politics of trade, development, finance, varieties of capitalism, globalization and environmental protection. Not open to students who have taken POLSC 37600.

**Prereq:** ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 37600 - International Political Economy (W)**

**GER**
3/B

An examination of key concepts in international political economy, such as the politics of trade, the globalization of finance, financial crises, global inequality, and migration.

**Prereq:** ENGL 12000 and any course in international relations

4 hrs.

4 cr.

**GEOG 37000 - Geography of Sustainable Development in Developing Countries**

Pluralism and Diversity

PD/A

GER
Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.

*prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.*

3 hrs
3 cr.

**ECO 33000 - Economic Development**

*Pluralism and Diversity*
*PD/A*
*GER*
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.

*prereq: ECO 20000*

3 hrs
3 cr.

**ECO 34000 - International Trade**

*GER*
3/B

Theories of international trade and international trade policies.

*prereq: ECO 20000*

3 hrs
3 cr.

**ECO 34100 - International Finance**

*GER*
3/B

Theories of exchange-rate determination and open-economy macroeconomic theory and policy.

*prereq: ECO 20100*

3 hrs
3 cr.

**SOC 36100 - Development and Globalization (W)**

*Pluralism and Diversity*
*PD/A*
*GER*
3/B
This course will examine the effort of poor countries to achieve economic and social development, and the possible outcomes of that effort. Effects on social relations and the living standards of the poor majority; the purposes of development, the strategies for development that have been adopted, and the theories which attempt to explain why countries do or do not grow economically.

*prereq: SOC 10100*

3 hrs

3 cr.

**POLSC 38600 - Politics of Finance**

Examines the ways in which the global financial system operates and intersects world politics. Topics include: financial firms as political actors, income inequality, financial regulation, financial crises, the politics of foreign direct investment, the politics of monetary policy, and the politics of exchange rates.

*prereq or coreq: ENGL 12000 and any course in international relations*

4 hrs

4 cr.

**SOC 30700 - Migration**

*Pluralism and Diversity*  
*PD/B*  
*GER*  

3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.  

*prereq: SOC 10100*

3 hrs

3 cr.

**SOC 31100 - Population Dynamics**

*GER*  

3/B

Comparative analysis of fertility, mortality, migration trends, and related social factors.  

*prereq: SOC 10100*

3 hrs

3 cr.

**E. International Peace and Security**

These courses focus on peace, security, conflict, violence, war, and terrorism.

**POLSC 28200 - International Security (W)**

*GER*  

3/B

An introduction to basic concepts and problems in the area of international security, this course will explore
explanations for some of the central causes of security/insecurity and peace/war, as well as examine select contemporary security issues.  
prereq: ENGL 12000 or its equivalent  
3 hrs  
3 cr.

**POLSC 28300 - Terrorism (W)**

**GER**  
3/B

The course will explore the types, causes, and strategies of terrorism as well as the effectiveness and civil liberty implications of counterterrorism strategies. Both contemporary and historical terrorist groups will be considered.

Not open to students who have completed POLSC 27353.  
prereq or coreq: ENGL 12000 or the equivalent  
3 hrs  
3 cr.

**POLSC 37900 - War and Strategy (W)**

**GER**  
3/B

An examination of strategy and wars between states, within states, and between states and transnational groups. Focuses on how strategy affects the avoidance, outbreak, conduct, and consequences of war and the difficulty of devising strategies that successfully link political ends and military means.

prereq: ENGL 12000 and any course in International Relations  
4 hrs.  
4 cr.

**POLSC 38000 - European Security (W)**

**Pluralism and Diversity**  
**PD/D**  
**GER**  
3/B

A theoretically informed examination of current and historical security problems in Europe, with a focus on the sources of war and peace, strategic calculations, alliances, institutions, democratization, norms, and ideological and identity conflicts. A principal aim is to establish a foundation for analyzing the prospects for a secure order in Europe in the first part of the 21st century.

prereq: POLSC 11500 or 27000 or 28200; minimum of 45 credits and 9 credits in political science or permission of the instructor  
coreq: ENGL 12000 and any course in International Relations  
4 hrs  
4 cr.

**POLSC 38200 - Causes of War (W)**
GER
3/B

An analysis of the causes of war and peace for both civil and interstate wars including especially the role of bargaining, but also the roles alliances, arms races, rivalries, and institutions.

*prereq: ENGL 12000 and any course in International Relations*

4 hrs.
4 cr.

**POLSC 38500 - The Nuclear Age: Nuclear Weapons, War and Peace**

An analysis of how nuclear weapons have influenced international politics and military strategies, why states seek or forego nuclear weapons programs, the policies designed for nuclear nonproliferation, and the risks of nuclear crises, escalation, entanglement with conventional forces, and nuclear terrorism.

*prereq: ENGL 12000 and any course in International Relations*

4 hrs
4 cr.

**Minor in Legal Studies**

The Legal Studies minor is an interdisciplinary course of study that allows students to examine the role and development of law from different perspectives within a liberal arts curriculum. Legal studies students will be introduced to the study of judicial opinions, theories of law and legal interpretation, the structure and role of legal institutions, and the operation of law in history and everyday life. Law is a central feature of political, social, and economic life. The legal studies minor will prepare students embarking on careers in government, business, or the non-profit sector to think broadly and critically about the nature of law. It will also be extremely helpful for any students planning to pursue graduate study focusing on law or legal institutions, in a wide variety of disciplines. The legal studies program places an emphasis on developing students' communication skills, interdisciplinary scholarship and a commitment to connect undergraduate education to advanced career opportunities. The core of the legal studies minor, though, is a commitment to the study of law within the liberal arts tradition. While there are many ways for students to prepare successfully for law school, an advantage of the legal studies minor is its ability to help the college identify students planning to apply to law school, to ensure that these students receive guidance on the application process as early as possible, and to give them a solid foundation when they enter law school.

**Program Requirements (15 credits)**

Students are required to complete at least one course from within each of the three categories below. Students can take no more than three courses from one department. No more than two courses from the student's major can be applied toward the Legal Studies minor. Courses used to fulfill the Legal Studies minor may be used to meet any other degree requirements, including the political science major. Students should be aware that courses listed for this minor may have prerequisites within their home departments.

**Foundations of Legal Studies**

These courses teach students foundational knowledge and skills that are important for thinking and writing clearly about law.

**PHILO 10600 - Philosophy, Politics and Society**
Hunter Core
Individual and Society (Social Science) - I&S SS

**Pluralism and Diversity**

PD/D

GER

2/C

Introduction to social and political philosophy.

3 hrs

3 cr.

offered each semester

**PHILO 17000 - Introduction to Logic and Scientific Method**

Hunter Core

Scientific World

An introduction to logical analysis and evaluation, especially applied to scientific arguments. Recognizing arguments and their support structure; evaluating reliability of sources vouching for premises; elementary deductive formal logic; evaluation of arguments central to empirical science.

3 hrs.

3 cr.

**POLSC 11000 - American Government: A Historical Introduction (W)**

Hunter Core

Flexible Core: US Experience in its Diversity

GER

1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq or coreq: ENGL 12000 or its equivalent

3 hrs.

3 cr.

**Legal Institutions and Legal Processes**

These courses emphasize the “law on the ground.” They tend to present a more external analysis of the role and operation of legal institutions, actors, and norms.

- ANTHC 32075 Law and Anthropology

**ASIAN 39002 - Asian American Civil Rights and the Law**
Pluralism and Diversity  
PD/B  
Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian Americans.  
3 hrs  
3 cr.

HIST 36400 - American Constitutional History, 1783 to 1900

Pluralism and Diversity  
PD/D  
GER  
3/B  
Development of constitutional thought from the framing of the Articles of Confederation to 1900. Courses at the 300-level and above not offered to freshmen.  
3 hrs  
3 cr.

MEDIA 39400 - Media and Law in the Digital Age

GER  
3/A  
This course focuses on how legislative actions and judicial decisions have affected the dissemination of ideas, information and images in American society via print, electronic transmission and new forms of emerging media. Among the topics considered are libel, privacy rights, government data access, copyright, and freedom of expression in the digital age.  
prereq: MEDIA 18000  
3 hrs  
3 cr.

POLSC 21900 - Women and the Law (W)

Pluralism and Diversity  
PD/C  
GER  
3/B  
Overview of how local, state and federal laws treat people on the basis of sex.  
cross-listed WGSP 21900  
prereq: ENGL 12000 or its equivalent  
3 hrs  
3 cr.

POLSC 23800 - The American Legal System (W)

GER  
3/B  
Civil and criminal law, common law and equity, substantive and procedural law. Emphasis on federal and New York
law.

prereq: ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 24000 - The American Judiciary (W)**

**GER**

3/B

The Supreme Court and other federal courts as part of policy-making process in American government.

prereq: ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 30300 - Democracy and Emergency (W)**

**GER**

3/B

This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.

prereq: ENGL 12000 and one course in Political Theory

4

**POLSC 31000 - Comparative Legal Systems (W)**

**GER**

3/B

Comparative study of major legal traditions of the modern world, including common law, civil law, Soviet, Islamic, Chinese, tribal and hybrid systems.

prereq: POLSC 11000, 23800 or 34000 or 34100 or 34300 or 37500 or any course in comparative politics subfield, or perm instr; ENGL 12000 or its equivalent

3 hrs

3 cr.

**POLSC 34300 - Criminal Law (W)**

**GER**

3/B

Constitutional problems and judicial decisions regarding search and seizure, right to counsel, self incrimination.

prereq: POLSC 11000 or 11100 or 23800

3 hrs

3 cr.

**POLSC 37500 - International Law (W)**
Theory of and case studies on the nature, sources, practices and efficacy of international law, principles and rules.

prereq: ENGL 12000 and any course in International Relations
3 hrs
3 cr.

**SOC 31900 - Criminology**

Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.

prereq: SOC 10100
3 hrs
3 cr.

**SOC 32000 - Law, Society and Civil Rights**

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.

prereq: SOC 10100
3 hrs
3 cr.

The Theory and Practice of Legal Interpretation

These courses emphasize the “law on the books,” the way relative insiders, like legal theorists and judges, talk about the content of law. Courses in this category introduce students to judicial opinions as well as normative theories about the way law should be interpreted

**BUS 23000 - Essentials of Business Law**

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable instruments, secured transactions and bankruptcy, business entities. For non-accounting majors only.

Course is used in the Hunter Arts Management Certificate and is an elective in the Hunter Business Certificate.

prereq: Not open to undergraduate Accounting majors.
3 hrs.
3 cr.

**ACC 28000 - Business Law I**

Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.

prereq: sophomore standing or perm chair
3 hrs
3 cr.

ECO 37000 - Law and Economics

GER
3/B

Analytical tools of microeconomics are used to examine various aspects of the law, including property, contracts, torts, liability, and criminal and family law.
prereq: ECO 20000
3 hrs
3 cr.

HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr

MEDIA 36500 - Digital Copyright

GER
3/A

An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-to-peer trading, digital rights management, and third party liability for information service providers.
prereq: MEDIA 18000
3 hrs
3 cr.

PHILO 25200 - Problems of Law and Morality

GER
3/B

Philosophy of law and the relation of legal to ethical issues.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 34600 - Contemporary Theories of Justice (W)
A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

**POLSC 34000 - Constitutional Law: Organizing the Government (W)**

Constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.

prereq: POLSC 11000 or 11100 or 23800

3 hrs
3 cr.

**POLSC 34100 - Constitutional Law: Civil Rights (W)**

Constitutional problems and Supreme Court decisions regarding race and sex discrimination.

prereq: POLSC 11000 or 11100 or 23800

3 hrs
3 cr.

**POLSC 34200 - Constitutional Law: The First Amendment (W)**

Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), religion and assembly.

prereq: POLSC 11000 or 11100 or 23800

3 hrs
3 cr.

**Minor in Political Science**

Students minoring in political science must complete 12 credits in political science. No more than three credits can be at the 100-level. No more than three credits in independent study (POLSC 29001-29003) can be used to satisfy the minor. Internship credits may not be applied toward the minor. The minor in Political Science is designed to provide students with solid grounding in political science and to encourage them to develop depth in the discipline in an area that will complement their major or develop expertise in an area of particular interest to them. The minor in Political Science allows students considerable flexibility in designing a minor that will best serve their academic goals. Students may, for instance, wish to focus on courses dealing with European politics and foreign policy to complement a major in a European language and culture. Students may concentrate their courses in one field of political science, or spread
them across several fields. Students may consult an advisor in the Department of Political Science about their goals as they choose courses to satisfy the minor.

**Minor in Political Theory**

The Political Theory Minor provides a concentration of study for students interested in political, social, and legal philosophy or thought, often related to public discourses, practices, and laws. It recognizes the interdisciplinary character of political theory, which operates at the intersection of the humanities and social sciences. It focuses on critical issues of ethics and power in history and the present, along with major authors in the traditions of political philosophy and thought.

The minor program consists of at least 15 credits taken from the courses listed below, or others as approved by the minor program advisor. Students must take at least 6 credits in philosophy and 6 credits in political science, including PHILO 10600 (or another 100-level PHILO course, with permission of the Advisor) and POLSC 20000. At least 3 credits must be taken at the 300-level, and one course must be taken from each of the three Minor categories (listed below). No more than six credits that count towards the student's major may be used to fulfill this Minor.

1. **Required Courses**

**PHILO 10600 - Philosophy, Politics and Society**

*Hunter Core*
Individual and Society (Social Science) -I&S SS

*Pluralism and Diversity*
PD/D
GER
2/C

Introduction to social and political philosophy.

* 3 hrs
* 3 cr.
  *offered each semester*

**POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)**

*Hunter Core*
Individual and Society (Social Sciences) -I&S SS

*GER*
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

*prereq or coreq: ENGL 12000 or its equivalent*

* 3 hrs
* 3 cr.

2. **Current Courses That Count Towards the Political Theory Minor**
Minor courses are to be selected from the following list of regularly taught courses or special topics courses in Philosophy or Political Science that pertain to the Minor but are irregularly taught (those interested in the latter should check with the advisor to verify that they may count toward the minor). In addition, one course, with significant theoretical content, offered in, e.g., Anthropology, Classics, Geography, History, Religion, or Sociology, may count toward the Minor, upon approval of the Political Theory Adviser.

History of Political Philosophy and Thought

One Course on figures in, or periods of, political theory, eg., courses in the PHILO 38000 Major Figures in Philosophy (W) topic series:

**PHILO 38010 - Plato (W)**

**GER**  
3A

Intensive study of the works and legacy of Plato.

*prereq: Two courses in philosophy, at least one of which is at the 200 level.*  
3 hrs  
3 cr.

-or-

**PHILO 38011 - Aristotle (W)**

**GER**  
3A

Intensive study of the works and legacy of Aristotle.

*prereq: Two courses in philosophy, at least one of which is at the 200 level.*  
3 hrs  
3 cr.

-or-

**PHILO 38070 - Hegel (W)**

**GER**  
3A

Intensive study of the works of Hegel.

*prereq: Two courses in philosophy, at least one of which is at the 200 level.*  
3 hrs  
3 cr.

-or-

**PHILO 38076 - Marx (W)**

**GER**  
3A
Intensive study of the works and legacy of Marx (W)

prereq: Two courses in philosophy, at least one of which is at the 200 level
3 hrs
3 cr.

- or -

PHILO 38086 - Foucault (W)

GER
3A

Intensive study of the works and legacy of Foucault.
prereq: Two courses in philosophy, at least one of which is at the 200 level.
3 hrs
3 cr.

- or -

POLSC 20100 - Ancient to Early Modern Political Thought (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected writers from the ancient Greeks to the Renaissance (e.g., Plato to Machiavelli), focusing on the political dimensions of such ideas as rationality, virtue, community, human nature and historical change.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

- or -

POLSC 20200 - Modern Political Thought (1600-1900) (W)

Pluralism and Diversity
PD/D
GER
3/B

The study of selected political writers (e.g., Hobbes to Nietzsche), with special emphasis given to the nature of and problems with, liberty, equality and justice in modern societies and states.
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

- or -

POLSC 20300 - Political Thought Since 1900 (W)
Exploration of concepts and thinkers in political theory since 1900. Topics include such traditional issues of political theory as the nature and scope of political regimes, justice, equality and changing concepts of human nature.

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

- or -

POLSC 20900 - Women and Gender in Western Political Thought (W)

Pluralism and Diversity
PD/C or D
GER
3/B

Examines history of political thought from the perspective of gender relations and the treatment of women.
cross-listed WGST 20900
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

- or -

POLSC 30100 - American Political Thought (W)

GER
3/B

Examination of ideas that have shaped American politics from the Revolution to the present, including Federalists and Anti-Federalists, Progressivism and responses to industrialization and recent debates over the welfare state, political inclusion and democracy.

prereq: ENGL 12000 or its equivalent; one course in political theory or perm. instr.
3 hrs
3 cr.

Note: For more information on the topic series course click here: PHILO 38000 Major Figures in Philosophy (W)

Basic Concepts and Themes

One course on theoretical or conceptual tendencies in political theory

PHILO 22600 - African-American Philosophy (W)

Hunter Core
US Experience in its Diversity (USED)
Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.

prereq: ENGL 12000
PHILO 23000 - Feminist Philosophy (W)

Pluralism and Diversity
PD/C
GER
3/A

Survey of major ideas in feminist philosophy and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000
3 hrs
3 cr.

PHILO 24600 - Political Philosophy (W)

GER
3/B

Study of selected philosophical problems in politics, law, economics and society.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 24800 - International Ethics (W)

GER
3/B

Study of the ethical dimensions of problems in contemporary international relations, such as war and peace, imperialism, national identity and development.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25500 - Environmental Philosophy (W)

Hunter Core
Individual and Society (Social Sciences) I&S SS
Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.

prereq: ENGL 12000
3 hrs
3 cr.
PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of 20th-century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.

*prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr.

-or-

PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs
3 cr

-or-

PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women's and environmental rights.

*prereq: ENGL 12000, and either a) two courses in philosophy, with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs
3 cr.

-or-

PHILO 39400 - Philosophical Problems

GER
3/A

Study of one or more major philosophical problems.

*prereq: variable (see Program Prerequisites)
3 hrs
3 cr.

-or-

POLSC 30200 - Critical Theory and Politics (W)
GER
3/B

Intensive study in the core concepts and ideas in the tradition of Critical Theory. Thinkers include, among others, Kant, Hegel, Marx, Nietzsche, Adorno, Horkheimer, Marcuse, Fanon, and Foucault, as well as contemporary critical theorists. Themes and foci will vary by semester and will include: the nature and purpose of critique; political sociology and the analysis of liberalism, fascism and other political formations; mass culture and the fate of art; power and the psyche; reason and affect; violence and terror; the philosophy of history, and the politics of liberation.

*prereq: ENGL 12000 or the equivalent; at least one 200-level course in political theory or permission of the instructor.*

4 hrs
4 cr.

-or-

POLSC 30500 - Democratic Theory (W)

GER
3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice.

*prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.*

3 hrs
3 cr.

-or-

POLSC 30900 - Feminist Political Theory (W)

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.

*cross-listed WGST 30900 (W)*

*prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.*

3 hrs
3 cr.

-or-

POLSC 31600 - Political Theory of Human Rights (W)

GER
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.

*prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.*

3 hrs
3 cr.
Theoretical Dimensions of Contemporary Controversies

One course on problems or issues in political theory

PHILO 20080  -or-

PHILO 22600 - African-American Philosophy (W)

Hunter Core
US Experience in its Diversity (USED)
Pluralism and Diversity
PD/B
GER
3/A

Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Blyden, Du Bois and Hurston.
prereq: ENGL 12000
3 hrs
3 cr.

PHILO 23000 - Feminist Philosophy (W)

Pluralism and Diversity
PD/C
GER
3/A

Survey of major ideas in feminist philosophy and their practical implications.
cross-listed WGST 23000 (W)
prereq: ENGL 12000
3 hrs
3 cr.

PHILO 25000 - Problems of Ethics and Society (W)

GER
3/B

Study of the ethical dimensions of contemporary social problems, such as poverty, consumption, sexual deviance, racism and environmental destruction.
prereq: ENGL 12000 and one previous course in philosophy.
3 hrs
3 cr.

PHILO 25200 - Problems of Law and Morality
GER
3/B

Philosophy of law and the relation of legal to ethical issues. 
prereq: ENGL 12000 and one previous course in philosophy. 
3 hrs 
3 cr.

-or-

PHILO 25500 - Environmental Philosophy (W)

Hunter Core
Individual and Society (Social Sciences) I&S SS
Conceptual, ethical, and methodological issues pertaining to the environment and environmental sciences.

prereq: ENGL 12000 
3 hrs 
3 cr.

-or-

PHILO 34600 - Contemporary Theories of Justice (W)

GER
3/B

A study of important contemporary theories of economic, political, and social justice, such as political liberalism, democratic socialism, communitarianism, and civic republicanism.

3 hrs 
3 cr

-or-

PHILO 34800 - Philosophy of Human Rights (W)

A study of the philosophical foundations and justifications of human rights, including core notions of freedom and dignity in cross-cultural context, their scope as civil-political and economic-social rights, and newer women’s and environmental rights.
prereq: ENGL 12000, and either a) two courses in philosophy,  with at least one at the 200-level, or b) a course in political theory and one course in philosophy at the 200-level.
3 hrs 
3 cr.

-or-

PHILO 39400 - Philosophical Problems

GER
3/A

Study of one or more major philosophical problems.
prereq: variable (see Program Prerequisites)
POLSC 20400 - Contemporary Issues in Political Theory

GER
3/B

Topics vary each semester. They have included democracy in America, totalitarianism, liberty and authority.

POLSC 20451 Women in Western Political Thought meets PD/D

prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 30300 - Democracy and Emergency (W)

GER
3/B

This seminar in political theory examines the issue of emergency powers in constitutional democracies. It will examine various attempts to define what is an emergency, as well as the spirited debates over the legitimacy of extraordinary powers to manage such crises.

prereq: ENGL 12000 and one course in Political Theory
4

POLSC 30400 - Contemporary Issues in Political Theory

GER
3/B

Selected topics in political theory.

prereq: ENGL 12000 or its equivalent; one course in political theory subfield or perm instr
3 hrs
3 cr.

POLSC 30500 - Democratic Theory (W)

GER
3/B

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice.

prereq or coreq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.
POLSC 30900 - Feminist Political Theory (W)

Pluralism and Diversity
PD/C
GER
3/B

Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.

cross-listed WGST 30900 (W)

prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

-or-

POLSC 31600 - Political Theory of Human Rights (W)

GER
3/B

A critical analysis of the intersection of academic and practical discourse of human rights with the central concerns of political theory, particularly as it engages relationships between ethics and power as well as theory and practice.

prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.
3 hrs
3 cr.

Political Science - BA

Political Science examines political, social, economic, and cultural arrangements through which people govern their lives. Students in political science study the ideas of great thinkers from Plato to the present, democratic and authoritarian political systems, war and peace, international political economy, human rights, gender politics, political parties and elections, social movements, constitutional and international law, and the policies and systems of local and national governments in the United States and in countries around the world. Political science majors go on to variety of careers including in the government, nonprofit organizations, teaching, business, finance, and journalism. Still others pursue law school – more political science majors attend law school than majors from any other department at the college – or some other kind of graduate training.

Hunter Core Requirement

Several courses within this major fulfill parts of the Hunter Core Requirement (CUNY Common Core, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path of the major. Details of the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of political science, the courses that meet CCC are:

POLSC 10000 - Introduction to Politics: Democracy, Anarchy and the State (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

Introduction to some of the major questions, approaches, and texts of political science. Students will explore questions of power, coercion, virtue, democracy, conflict, and cooperation and read Plato, Aristotle, Weber, Lipset, Waltz, and Jervis, among others. Does not satisfy the major's four subfield distribution requirement.

prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 20000 - Interpreting Politics: An Introduction to Political Ideas (W)

GER
2/B or 3/B

An introduction to interpreting major political ideas and their significance in the contemporary world. Competing understandings of concepts such as freedom, equality, justice, citizenship, and legitimacy will be explored, in part by applying them to concrete political issues such as multiculturalism, economic distribution, and the death penalty.

prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 25000 - Comparing Countries (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
Examination of the core concepts, theories, and issues in the field of comparative relations. Topics include: Comparative analysis of democracies and democratization, revolution, and ethnicity and ethnic conflict. Cases will be drawn from Africa, Asia, Western Europe, the Americas, Eastern Europe, and the Middle East.

*prereq: ENGL 12000 or equivalent*

3 hrs
3 cr.

**POLSC 27000 - International Relations: Conceptual Foundations and Current Issues (W)**

**Hunter Core**

World Culture and Global Issues (WCGI)

**GER**

3/B

Examines the conceptual foundations of international relations and their application to current issues. Topics include: anarchy, power, war and peace, international cooperation, the role of the state and non-state actors, international institutions, norms and human rights, and the global economy.

Students may not take both POLSC 11500 and POLSC 27000 at Hunter College for credit. (Transfer students may receive only 100-level credit for a course equivalent for POLSC 11500 after spring 2010, when POLSC 27000 becomes the prerequisite for most advanced courses in international relations.)

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core.

**Courses Required for the Major (30 credits)**

Majors are required to take 30 credits in Political Science, at least one course in each of the four following subfields of the discipline:

1. American Government
2. Political Theory
3. Comparative Politics
4. International Relations

POLSC 29400 courses may not be used to satisfy the 4-subfield requirements.

Majors must complete at least three 300-level courses (from any subfields).

No more than 6 credits in internship, independent study, and/or experiential courses (such as Model United Nations) may be used to satisfy the 30 credits in the major. Also, such credits may not be used to satisfy the distribution requirements in the four fields. Courses taken for Credit/No Credit may not be applied toward the major.

**Interdepartmental Fields**
Political Science department faculty are actively involved in many interdisciplinary programs at Hunter College. Students who want to do work in political science as part of the following interdepartmental programs should refer to the appropriate programs in this catalog.

- Minor in Asian American Studies
- Human Rights
- Jewish Studies - BA
- Latin American and Caribbean Studies - BA
- Public Policy Certificate
- Women and Gender Studies - BA

**Honors**

To complete the requirements for departmental honors in Political Science at graduation, students must have at least 30 credits in Political Science and be eligible for graduation in the semester that they formally complete department honors. At least 21 of these credits (or in exceptional cases, 18) must be taken in the Political Science Department at Hunter College. In the case of transfer students, the student's faculty supervisor must recommend an exception to this policy; however, in no case should a student who has taken fewer than 15 credits in academic coursework (excluding internships or other experiential education courses) in political science at Hunter College be recommended for departmental honors.

In addition, students must 1) have a GPA in the major of not less than 3.5; 2) complete two supervision-based courses (POLSC 49100 and POLSC 49200), which focus on the inception and completion of the honors thesis, respectively; and 3) complete POLSC 49300.

The thesis should be a major paper of approximately 25 pages in length that reflects serious scholarship in an honors course. Students should enroll in POLSC 49200 under the supervision of a faculty member with whom the student has done prior coursework and who has agreed to supervise the student's honors project. Students seeking to graduate with departmental honors should begin to plan the sequence of honors work at least two semesters in advance of their expected graduation date.

Approval for Honors will come from the Supervisor. Once students have received the approval of the Sponsor, the thesis can be submitted for departmental honors. Successful completion of departmental honors includes a formal presentation of the thesis to the Honors Committee. Final papers must be deposited in the department office.

**Pi Sigma Alpha**

Students interested in joining this honor society should consult with Professor Leonard Feldman, 1702 Hunter West, (212)396-6246, lfeldman@hunter.cuny.edu.

**Writing Corequisite and Prerequisites**

Introductory, intermediate and advanced political science courses require significant expository writing and ENGL 12000 as a co- or prerequisite. To assure that students are ready for these courses, they should be enrolled in ENGL 12000 (or its equivalent) or have successfully completed the course. For all 100-level courses, ENGL 12000 (or its equivalent) is a prerequisite or co-requisite; for all 200-level, 300-level and 400-level courses, ENGL 12000 (or its equivalent) is a prerequisite.

**Seminar/Internship Program in New York Government**
This university-wide program is designed to bridge the gap between academic study and the practical world of government. Each year approximately 300 students are selected as CUNY interns. Hunter College students participate by enrolling in POLSC 22200/22300. Interns spend eight to ten hours a week in agencies, political offices or community groups working on administrative or research assignments related to urban affairs and services. They attend a weekly classroom seminar at Hunter and monthly meetings of the entire program at the CUNY Graduate School. Prominent government officials, political leaders, community representatives and academic experts participate in both the weekly and monthly meetings. Students are advised to have taken prior coursework in American politics and to have at least a 3.0 GPA prior to being admitted to this program. For further information, consult the Department of Political Science.

Other Internships

Students may wish to consider internships in any field of political science, and receive credit through POLSC 29801-29806. The department does not offer internship credits to students in their first semester at Hunter College or to students who have never taken a political science course at Hunter. Up to 6 credits in internship work (POLSC 29801-29806) may be used to satisfy requirements for the major. As a general rule, a student who takes POLSC 29801-29806 must be supervised by a full-time faculty member with whom the student has done prior coursework and who has agreed to supervise the student’s internship. Additional internship credits may be used as electives toward graduation.

Preparation for Graduate Study

Many political science majors go on to graduate study. Students considering graduate work should consult members of the political science faculty.

Awards and Prizes

The Political Science Department confers recognition on its outstanding graduates through prizes and awards. The Katherine Duffy Prize and the David Haight Memorial Prize are presented annually to graduating political science majors.

Scholarships

The Political Science Department may award the Joan Pincus Scholarship to students majoring in political science who have achieved at least sophomore status, have an excellent academic record and have demonstrated financial need. For additional information, see the department chair or a departmental adviser.

Degree Map

Degree Map for Political Science

Psychology

Overview

Psychology is concerned with all aspects of the study of behavioral, developmental and cognitive processes, and employs a broad spectrum of approaches, from the social to the biological to understand them. The Hunter College
Psychology program reflects the diversity of psychology as a science and as a profession. Its course offerings span this spectrum from clinical, social and developmental psychology to experimental psychology, ethology, biopsychology and behavioral neuroscience. Although Psychology is a large department, students have personal contact with faculty members through an extensive advisement system, involvement in departmental activities and committees, supervised field placement and participation in research laboratories under the guidance of faculty mentors as part of our independent study, honors, BP-ENDURE, MARC (Minority Access to Research Careers) & MBRS/RISE (Minority Biomedical Research Support/Research Initiative for Scientific Enhancement) programs. A broad range of applied and research opportunities are available within the department in developmental psychology, social psychology, human adjustment, animal behavior, physiological psychology and abnormal psychology. Departmental affiliations with mental health and community organizations make it possible for students to integrate their academic studies of personality, abnormal and child psychology with supervised practical experience by means of field placements and opportunities for applied research. The faculty and facilities of various subprograms within the CUNY Psychology doctoral program and our master's program in General Psychology and in Animal Behavior and Conservation are integral parts of the Hunter College Psychology program. These programs provide course concentrations in a number of different areas within psychology and offer undergraduate students research and other opportunities to interact with graduate students. Qualified students in their last semester may be admitted to graduate courses with the approval of the instructor and the department's graduate adviser.

What can I do with my degree in Psychology?

The Psychology major, as part of the bachelor's degree program, prepares the student for many career possibilities in psychology, education, social and welfare services, health services and industry and fulfills the course requirements for entering most psychology graduate programs. A background in psychology combined with special training in other disciplines within the college may be especially useful in preparing for careers in human resources, medicine, law, nursing, speech pathology, social work, special education, counseling and music, art and dance therapy.

Programs and Courses

Programs and Courses in Psychology

Administration and Faculty

Chair:

Glenn Schafe
Room: 611 North
Phone: (212) 772-5550
psychadv@hunter.cuny.edu

Department Office:

Room: 611 North
Phone: (212) 772-5550
Web site: http://www.hunter.cuny.edu/psychology

Hours of Operation: Monday-Friday 9:00 AM - 5:00 PM
Research Opportunities, Honors & Internships

For more information...

Faculty

Psychology Faculty

HEGIS Code: 2001

Biopsychology Content Area with Corresponding Focus Areas

Animal Behavior

**PSYCH 22500 - Ethology: Animal Behavior**

**GER**

3/B

Adaptation, survival, reproduction and evolution of behavior, emphasizing development and species-comparison.

Writing Intensive

*prereq: PSYCH 10000 and any other 3 cr PSYCH course*

*prereq or coreq: ENGL 12000*

3 hrs

3 cr.

**PSYCH 32000 - Neuronal Basis of Behavior (Neuroethology)**

This course is designed primarily for upper level undergraduates who already have an introductory background in animal behavior, neurobiology and Psychology. The course will review the rapidly expanding field of neuroethology, providing a general introduction to the subject and some of its many model systems.

*prereq: ENGL 12000, Completion of PSYCH 24900 or 25000*

3 hrs.

3 cr.

**PSYCH 32100 - Animal Orientation**

Organisms must orient to survive, including to secure shelter and food, or find mates, and return to a familiar home. This course provides an advanced understanding of how animals achieve these tasks and evaluates possible behavioral, physiological, and molecular mechanisms for orientation.

*prereq: ENGL 12000; Completion of PSYCH 24900 or 25000 and PSYCH 22500*

3 hrs.

3 cr.

**PSYCH 32400 - Communication Behavior**
This course will examine behaviors that exchange information, the evolution of the signals that carry the message, and the senses that receive it. Both human nonverbal and animal communication systems will be analyzed. Students will conduct field and library research on specific communicative behaviors.

*prereq: ENGL 12000, Completion of PSYCH 24900 or 25000*

3 hrs

3 cr.

**PSYCH 38100 - Current Topics in Animal Behavior**

Finding mates, securing shelter and food, and returning to a familiar home are ubiquitous animal functions which often require complex navigational strategies. This course will provide an advanced undergraduate level survey of the history of the field of animal orientation, and expound on ontogeny, mechanisms, and function of orienting behaviors.

*prereq: PSYCH 10000, PSYCH 16000 (Evolution and Behavior); PSYCH 22500 (Ethology); PSYCH 24800 (Psychological Statistics). Open only to psychology majors.*

3 hrs

3 cr.

**Physiological Psychology**

**PSYCH 22400 - Neuroscience**

The aim of this course is to introduce you to the biological and physiological aspect of the science of Psychology. Biopsychology is the subarea of Psychology that takes a biological approach to understanding behavior. Biopsychologists study the biological events - genetic, neural, endocrine- that underlie each and every one of our thoughts, feelings, and actions. This course will explore what is currently known about the biological basis of emotional responses, mental illness, sexual behavior, memory, states of consciousness, sensory perception, thought and language, and several neurological disorders.

*prereq: PSYCH 10000 and any other 3 CR PSYCH Course; completion of ENGL 12000 with a minimum grade of C*

3 hrs.

3 cr.

**PSYCH 30000 - Physiological Psychology**

**GER**

3/B

Neural and endocrine mechanisms involved in learning, emotion, perception and other psychological processes. PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

*prereq: ENGL 12000, PSYCH 24900 or 25000 and PSYCH 22400*

3 hrs

3 cr.

**PSYCH 30100 - Sensation and Perception**

**GER**

3/B

Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables
including current stimuli and past history.

*prereq: ENGL 12000, PSYCH 24900 OR 25000, PSYCH 22400
3 hrs
3 cr.*

**PSYCH 30900 - Behavioral Neuroendocrinology**

**Pluralism and Diversity**
PD/C
GER
3/B

An overview of how behavior is influenced by differential hormone action and how hormones influence the development and expression of sexually dimorphic behaviors. While a biology background is not required, this course will be a biology-based discussion of behavioral endocrinology.

*prereq: ENGL 12000, PSYCH 24900 or 25000 and PSYCH 22400
3 hrs
3 cr.*

**PSYCH 31600 - Cognitive Neuroscience**

The course will address some of the central issues in contemporary cognitive neuroscience, describe old (clinical studies) and new (brain imaging) sources of information, their limitations and their contributions to our understanding of the neural mechanisms of cognition.

*prereq: ENGL 12000, PSYCH 24800, PSYCH 24900 or 25000, PSYCH 22400
3 hrs
3 cr.*

**PSYCH 32100 - Animal Orientation**

Organisms must orient to survive, including to secure shelter and food, or find mates, and return to a familiar home. This course provides an advanced understanding of how animals achieve these tasks and evaluates possible behavioral, physiological, and molecular mechanisms for orientation.

*prereq: ENGL 12000; Completion of PSYCH 24900 or 25000 and PSYCH 22500
3 hrs.
3 cr.*

**PSYCH 32700 - Motivation and Emotion**

GER
3/B

The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

*prereq: ENGL 12000, PSYCH 24900 -or- 25000; and PSYCH 22400
3 hrs
3 cr.*
**PSYCH 36900 - Behavioral Pharmacology**

**GER**
3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.

*prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 30000 or perm instr. and PSYCH 22400*

3 hrs
3 cr.

**PSYCH 38200 - Current Topics in Biopsychology**

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of biological psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

*prereq: PSYCH 22400 (Neuroscience) PSYCH 25000 Open only to psychology majors.*

3 hrs
3 cr.

**Cognitive/Developmental Psychology Content Area with Corresponding Focus Area**

**Cognitive Psychology**

**PSYCH 24300 - Cognitive Processes**

**GER**
3/B

A survey of theoretical issues and empirical research on human cognition including attention, perception, memory, representation of knowledge, language, and problem solving.

*prereq: 6 cr. in PSYCH including PSYCH 10000*

3 hrs
3 cr.

**PSYCH 31600 - Cognitive Neuroscience**

The course will address some of the central issues in contemporary cognitive neuroscience, describe old (clinical studies) and new (brain imaging) sources of information, their limitations and their contributions to our understanding of the neural mechanisms of cognition.

*prereq: ENGL 1200, PSYCH 24800, PSYCH 24900 or 25000, PSYCH 22400*

3 hrs
3 cr.
PSYCH 32200 - Psychology of Language

GER
3/B

Psychological and psychophysical basis of language comprehension, production and acquisition from experimental and theoretical perspectives; the relationship between language and the cognitive processes of perception, memory and representation.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 27000 or perm instr.
3 hrs
3 cr.

PSYCH 32400 - Communication Behavior

This course will examine behaviors that exchange information, the evolution of the signals that carry the message, and the senses that receive it. Both human nonverbal and animal communication systems will be analyzed. Students will conduct field and library research on specific communicative behaviors.

prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr.

PSYCH 32500 - Animal Cognition

This course will focus on various topics and readings in animal cognition within and across species from the perspectives of animal behavior, cognitive ethology and comparative cognition. In addition to familiarizing the students with what is currently known, the course is designed to stimulate critical and creative thinking about how we investigate and understand the minds and behavior of animals as diverse as chimpanzees, dolphins, elephants, monkeys, pigeons and humans. It will focus on various topics and readings in animal cognition including categorization, discrimination learning, decision making, social learning, tool use, culture and communication.

prereq: ENGL 12000, PSYCH 24900 -or- 25000; and PSYCH 22500 -or- 24300
3 hrs.
3 cr.

PSYCH 32800 - States of Consciousness

GER
3/B

The subjective and physiological aspects of consciousness; the means by which it may be altered: hypnosis, dreams, drugs, meditation and mysticism; psychosis.

prereq: ENGL 12000; PSYCH 24900 -or- 25000; and PSYCH 24300
3 hrs
3 cr.

PSYCH 32900 - Cognitive Science
Introduction to cognitive science, the interdisciplinary study of the human mind from the perspectives of psychology, linguistics, computer science, neuroscience, and philosophy.

*prereq: ENGL 12000, PSYCH 24800 with a C or better, PSYCH 24900 or 25000 and PSYCH 24300
3 hrs
3 cr.

**PSYCH 33000 - Memory and Attention**

This course is intended to provide an introduction to the processes associated with memory, attention, and their development, with particular attention given to classic and contemporary theories, and to how they interact with factors such as biology, age, culture and experience.

*prereq: ENGL 12000, Completion of PSYCH 24900 or 25000
3 hrs
3 cr.

**PSYCH 33100 - Social Cognition of Gender**

The course examines the social cognitive and motivational processes that a) underpin beliefs about and evaluations of men and women, b) affect behaviors toward and by men and women, and c) change or entrench attitudes and behaviors.

*prereq: ENGL 12000, PSYCH 24900 or 25000, and either PSYCH 23000 or PSYCH 24300
3 hrs
3 cr.

**PSYCH 35000 - Learning**

*GER
3/B

Theoretical and experimental approaches to human and animal learning; the relationship between systematic theory models and methodology; analysis of the historical and contemporary major contributions to learning theories.

*prereq: ENGL 12000, PSYCH 24900 or 25000 and PSYCH 24300
3 hrs
3 cr.

**PSYCH 37000 - Cognitive Development**

*GER
3/B

A comparative information processing perspective on the development of mental structure and functioning, including perception, memory, problem solving, self-awareness of thinking, intelligence, concept formation and language development.

*prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 27000 or perm instr.
3 hrs
3 cr.

**PSYCH 38300 - Current Topics in Cognitive Psychology**

Focuses on contemporary knowledge and issues in the scholarly literature in selected areas in cognitive psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and
applied foundations of the field. Topics vary each term. Students may take a Current Topics in Cognitive Psychology course twice.

**prereq:** completion of PSYCH 25000 and 24300 with a grade of C or better  
3 hrs  
3 cr.

## Developmental Psychology

### PSYCH 21000 - Child Development

**GER**  
3/B  
Emotional, social, motor and cognitive development as influenced by genetic, cultural and individual factors during the first twelve years of life. (May not be taken for credit by students who have a collateral major, or a minor, in education.)  
Writing Intensive  
**prereq:** PSYCH 10000 and any other 3 cr PSYCH course  
**prereq or coreq:** ENGL 12000  
3 hrs  
3 cr.

### PSYCH 21200 - Exceptional Childhoods

**GER**  
3/B  
Special problems of adjustment and training of exceptional children, including the gifted as well as the intellectually, emotionally and physically handicapped.  
Writing Intensive  
**prereq:** PSYCH 10000 and any other 3 cr PSYCH course  
**prereq or coreq:** ENGL 12000  
3 hrs  
3 cr.

### PSYCH 21300 - Children & Adolescents with Autism

A theoretical and practical introduction to the social, biological, behavioral, and educational theories that guide our understanding of children and adolescents with Autism Spectrum Disorder (ASD). Focusing on this important public health issue, students learn how these theories inform public awareness, the experiences of families affected by this disorder, the development and implementation of interventions, and public policy.  

**prereq:** PSYCH 10000 and PSYCH 15000 (Human Development) or departmental permission  
3 hrs  
3 cr.

### PSYCH 21400 - Adults with Developmental Disabilities

A theoretical and practical introduction to the key issues and challenges that affect the lives of adults with developmental disabilities, including adults with Autism Spectrum Disorder. Covered topics include person-centered
planning, self-determination, transition planning, post-secondary education, employment, residential supports, and community living. Students learn how these challenges inform services that support full inclusion and improve quality of life.

*prereq: PSYCH 10000 and PSYCH 15000 (Human Development) or departmental permission*

**3 hrs**

**3 cr.**

**PSYCH 31000 - Research Methods in Developmental Psychology**

**GER**

3/B

Open to declared majors only. Theory and research in selected areas of developmental psychology. PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

*prereq: ENGL 12000, PSYCH 15000 or 21000, PSYCH 24900 or 25000, perm instr.*

**3 hrs**

**3 cr.**

**PSYCH 31300 - Adolescence**

This course reviews the physical, cognitive, emotional, and social changes that typically occur during adolescence. Topics include classic and contemporary theories of adolescent development and the interactions between adolescents and their social and cultural environments.

*prereq: ENGL 12000, PSYCH 24900 or 25000, and PSYCH 21000*

**3 hrs**

**3 cr.**

**PSYCH 31500 - Adult Development**

**GER**

3/B

Open to declared majors only. Theories and research concerning the personal and social development of men and women in adulthood; ongoing changes with age related to physical growth and decline, including marital, parental and interpersonal relationships, occupational roles, leisure activities, disability and approaching death.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

*prereq: ENGL 12000, PSYCH 15000 or 21000, PSYCH 24900 or 25000*

**3 hrs**

**3 cr.**

**PSYCH 32300 - Developmental Psychopathology**

**GER**

3/B
Survey and evaluation of empirical and theoretical approaches to the major psychological abnormalities that arise in childhood and adolescence; their characteristics, causes and treatments.

*prereq: ENGL 12000, PSYCH 22300, PSYCH 24900 or 25000*

3 hrs

3 cr.

**PSYCH 33200 - Attitudes and Persuasion**

This course reviews basic theory and research applications on attitudes and attitude change processes, including how attitudes are measured, used to predict behavior, and, to persuade individuals.

*prereq: ENGL 12000; PSYCH 24900 or 25000; and PSYCH 21000 or 23000*

3 hrs

3 cr.

**PSYCH 33300 - Advanced Social Psychology Theory and Methods**

In-depth training in the concepts and skills necessary for conducting scientific research in social psychology. Core concepts in social psychology are used as the basis for case-studies in which different methods for examining constructs are illustrated and compared.

*prereq or coreq: PSYCH 24800 with a minimum grade of C; completion of PSYCH 24900 or 25000; declaration of the psychology major.*

3 hrs

3 cr.

**PSYCH 33400 - Cultural Psychology**

As our society becomes more multi-cultural, the question of how culture impacts psychological processes is increasingly important. The goal of this course is to expose students to the ways that cultural meanings, practices, and institutions influence and reflect individual human psychologies, with an emphasis on cultural variability in psychological theories and research findings. Topics include but are not limited to: a) What is cultural psychology; b) Research methods in cultural psychology; c) Historical and conceptual issues in cultural psychology; d) cross-cultural models of self, attention, perception, morality, memory, human development and health; e) cultural differences in gender effects and f) policy implications of cultural psychology.

*prereq: ENGL 12000, Completion of PSYCH 24900 or 25000 and PSYCH 23000*

3 hrs.

3 cr.

**PSYCH 36100 - Psychological Tests**

**GER**

3/B

Introduction to the principles of psychological assessment; major methods of measuring general ability, aptitude, achievement, interest, personality. Appraisal of psychological tests.

*prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 21000*

3 hrs

3 cr.

**PSYCH 37000 - Cognitive Development**
GER
3/B

A comparative information processing perspective on the development of mental structure and functioning, including perception, memory, problem solving, self-awareness of thinking, intelligence, concept formation and language development.

prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 27000 or perm instr.
3 hrs
3 cr.

PSYCH 38400 - Current Topics in Developmental Psychology

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of developmental psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

prereq: ENGL 12000, PSYCH 21000 PSYCH 24900 or 25000
3 hrs
3 cr.

Degree Map for Psychology

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Psychology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Based on math placement results: MATH 10100* or MATH 101EN* or STAT 11300** or MATH 12500 (STEM)** (Note: ** only STAT 113 or MATH 125 satisfies MQR, must earn C or better)
- Life and Physical Sciences (must be lab science course, minimum 4 cr.)

**PSYCH 10000 - Introduction to Psychology**

**GER**
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.

3 hrs
3 cr.

- Elective

**Spring**

- English Composition 2
- STAT 11300** or MATH 12500 (STEM)** (if MATH 101 or MATH 101EN is taken in fall) or Elective, must earn C or better
- Individual & Society/ Social Sciences
- PSYCH 1 (must earn B or better)
- World Cultures & Global Issues

**Sophomore Year**

**Fall**

- PSYCH 2 (from Content Area Options)
- Scientific World (must be lab science course, minimum 4 credits)
- Foreign Language Elementary Level 1
- US Experience in Its Diversity
- Elective

**Spring**

- PSYCH 24800 Statistical Methods in Psychological Research
- PSYCH 2 (from different Content Area options)
- Foreign Language Elementary Level 2
- Creative Expression
- Individual & Society/ Humanities
Junior Year

Fall

- PSYCH 25000 Experimental Psychology: General
- PSYCH 2 (from different Content Area options)
- Foreign Language Intermediate Level 3
- Elective
- Elective

Spring

- PSYCH 2 or 3 (Major Elective #1)
- Elective
- Foreign Language Intermediate Level 4
- Elective
- Elective

Senior Year

Fall

- PSYCH 3 (from Psychology Focus Area options)
- PSYCH 2 or 3 (Major elective #2)
- Elective
- Honors Research or elective
- Elective

Spring

- PSYCH 3 (from Psychology Focus Area options)
- Elective
- Honors Research or Elective
- Elective

Notes:

- Meet with the Psychology advisor prior to second year.
- Declare major at or before 60 earned credits.
- Plan to accumulate at least 90 earned credits by the end of the third year.
- Select Focus Area of Study in Psychology in consultation with the Psychology major advisor.
- Discuss Honors option with the Psychology major advisor.
- Incorporate research experiences into the plan of study.
Minor in Psychology

The minor in psychology is designed to expose students to a variety of content areas in the field of psychology and to provide the student with the ability to evaluate psychology research as a consumer. To declare a psychology minor, the student must have completed any 100-level psychology course with a minimum grade of C and a required mathematics course with a minimum grade of C or CR. The mathematics requirement may be satisfied by STAT 11300 or MATH 12500 or by an appropriate score on the mathematics placement test. The minor in Psychology consists of 15 credits in Psychology, as follows: PSYCH 10000 and any other 3 cr. PSYC course; PSYCH 21500; and any 2 200-level PSYC courses below PSYCH 24800. The total number of credits to fulfill all minor requirements, including credits for all prerequisites, is 18: 15 credits in PSYC course and 3 credits in STAT 11300 or MATH 12500.

Psychology - BA

Courses Required for the Major (43-50 credits)

Psychology is organized around eight (8) tracks grouped within three (3) broad Content Areas.

The major consists of:

1. Introductory courses 6-13 credits
2. Statistics and Experimental 8 credits
3. Content/track focus 21 credits
4. Two science with lab 8 credits

I. Introductory Courses (6-14 credits)

In order to continue in the major, students must complete the Introductory courses in psychology as listed below with a minimum grade of B and a required mathematics course with a minimum grade of C or CR and have a minimum GPA of 2.00. The mathematics requirement may be satisfied by STAT 11300 or MATH 12400 (STEM) or by earning exemption from the mathematics requirement. Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

The major must be declared in person with an Academic Adviser in Psychology. (Refer to http://hunter.cuny.edu/psychology for schedule.) The student must bring his/her Hunter transcript (and where relevant, transcripts from all other colleges attended) when meeting with the adviser to declare a psychology major.

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)

3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary
statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

**MATH 12400 (STEM) - College Algebra and Trigonometry**

 Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

**PSYCH 10000 - Introduction to Psychology**

GER
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.

**PSYCH 14000 - Psychological Adjustment**

GER
2/B

Styles of adjustment; social interaction; self-concept and self-esteem: stress management; alienation; failures of adjustment.
prereq: PSYC 10000
3 hrs
3 cr.

II. Statistics and Experimental Psychology- 8 cr.

**PSYCH 24800 - Statistical Methods in Psychological Research**
Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.

Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 1200 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12400 or 12500 or 12550 or STAT 11300 with a C or better, or appropriate score on math placement exam

prereq or coreq: ENGL 12000

4 hrs
4 cr.

PSYCH 24900 - Experimental Psychology: Social

GER
3/B

Introduction to the principles of research methodology and experimental techniques. Required research reports involve laboratory and field exercises concerned with a variety of social psychological phenomena. (Students may take either PSYC 249 or 250, but not both.)

Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 1200 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade; PSYC 24800 with a minimum grade of C

prereq or coreq: Writing Intensive

6 hrs (2 lec, 4 lab)
4 cr.

III. Content/track focus 21 credits

The psychology major is organized around three Content Areas and their corresponding Focus Areas.

The Content Areas are

- Biopsychology,
- Cognitive/Developmental Psychology,
- Social/Clinical/Health Psychology.

The Focus Areas (tracks) are

- General Psychology
- Animal Behavior
- Physiological Psychology
- Cognitive Psychology
- Developmental Psychology
• Social Psychology
• Clinical Psychology
• Health Psychology

Content Areas with Corresponding Focus Areas

• Biopsychology Content Area with Corresponding Focus Areas
• Cognitive/Developmental Psychology Content Area with Corresponding Focus Area
• Social/Clinical/Health Psychology with Corresponding Focus Areas

1. 200-level Courses in Each Content Area - 9 cr.

Three (3) 200-level courses*, one (1) in each of 3 content areas (Biopsychology, Cognitive/Developmental Psychology, Social/Clinical/Health Psychology)

One of these three courses must be within the student's chosen Area of Focus (Animal Behavior, Physiological Psychology, Cognitive Psychology, Developmental Psychology, Social Psychology, Clinical Psychology, or Health Psychology). Students selecting the "General Psychology" Focus Area must take one 200-level course in each of the three Content Areas.

2. Two (2) 300-level courses within the chosen Focus Area - 6 cr.

Note: Students selecting the General Psychology focus area must take two (2) 300-level courses in any area of Psychology (6 cr).

3. Two (2) electives at the 200 or 300 level - 6 cr

IV. Two Science course with Lab - 8 cr

Degree Map

Degree Map for Psychology

Psychology: Concentration in Behavioral Neuroscience

Purpose

The Behavioral Neuroscience Concentration within Psychology provides interdisciplinary training for students preparing for academic or professional careers in neuroscience-related areas. The concentration brings together students from Psychology and Biology in a set of core courses and offers mentored research experience in faculty laboratories, opportunities for student research presentations and talks by distinguished visiting neuroscientists. The neuroscience concentration is a particularly good option for students who plan to do graduate study in neuroscience or neurosciencerelated fields or attend medical school for neurology, neurosurgery, or psychiatry specialties. Because of the large number of required courses in the concentration, it is very important that interested students meet with the concentration adviser as early in their college career as possible-no later than the start of their Sophomore year. The concentration adviser is Prof. Philip Zeigler, ((212) 772-5363; Room 626 Hunter North).

The Concentration has three, equally important components: Stem Courses (Levels 1 and 2), Neuroscience Electives (Level 3), and Mentored Honors research.
Courses Required for the Major (34.5-47.5 credits)

Admission to the program requires completion of the following courses:

**BIOL 10000 (STEM) - Principles of Biology I**

**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only*

**BIOL 10200 (STEM) - Principles of Biology II**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**
PD/C or D

**GER**
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

*prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only*

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.

**prereq or coreq:** MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)
**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
**prereq:** CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**PSYCH 10000 - Introduction to Psychology**

**GER**
2/B

An introduction to the problems, methods and concepts of psychology, covering a range of topics which characterize the discipline, including history, methodology and professional ethics, biological foundations, perception, motivation and emotion, learning, memory and thinking, individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
3 hrs
3 cr.

**PSYCH 22400 - Neuroscience**

The aim of this course is to introduce you to the biological and physiological aspect of the science of Psychology. Biopsychology is the subarea of Psychology that takes a biological approach to understanding behavior. Biopsychologists study the biological events - genetic, neural, endocrine- that underlie each and every one of our thoughts, feelings, and actions. This course will explore what is currently known about the biological basis of emotional responses, mental illness, sexual behavior, memory, states of consciousness, sensory perception, thought and language, and several neurological disorders.
**prereq:** PSYCH 10000 and any other 3 CR PSYCH Course; completion of ENGL 12000 with a minimum grade of C
3 hrs
3 cr.

**PSYCH 24800 - Statistical Methods in Psychological Research**

**GER**
3/B

Open to declared majors only. Analysis and interpretation of quantified data. Descriptive and inferential statistics applied to psychological research.
Writing Intensive

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)  

prereq: PSYCH 10000 and any other 3 cr PSYCH course, MATH 12400 or 12500 or 12550 or STAT 11300 with a C or better, or appropriate score on math placement exam  

prereq or coreq: ENGL 12000

4 hrs

4 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core  
Math/Quantitative Reasoning  
GER  
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.  

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam  

prereq or coreq: ENGL 12000

3 hrs

3 cr.

PSYCH 25000 - Experimental Psychology: General

GER  
3/B

Open to declared majors only. Research and general experimental techniques in study of behavior. Introduction to the principles of research methodology and experimental techniques. Required research reports involve a variety of laboratory exercises related to the study of basic behavioral processes. (Students may take either PSYC 24900 or 25000, but not both.)

prereq: ENGL 12000 with a minimum grade of C; one sem. acceptable lab science sequence with a passing grade; PSYCH 24800 with a minimum grade of C

6 hrs (2 lec, 4 lab)

4 cr.

PSYCH 14000 - Psychological Adjustment

GER  
2/B

Styles of adjustment; social interaction; self-concept and self-esteem: stress management; alienation; failures of adjustment.  

prereq: PSYC 10000
3 hrs
3 cr.

- Three 200-level courses, one in each of 3 content areas. One of these three courses must be within the students chosen Area of Focus
  Note: Students selecting the “General Psychology” Focus Area must take one 200 level course in each of the three Content Areas
- Two 300 level courses within the chosen Focus Area. Students selecting the General Psychology Focus Area must take two 300 level courses in any area of Psychology (6 cr)

Psychology electives at the 200 or 300 level (6 cr)

BIOL 47100 - Special Topics in Biology

GER
3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
3 hrs (lec)
3 cr. per sem.

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100)
coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

*prereq: CHEM 10400 with a grade of C or better*

5-6 hrs (4 lec, 1-2 recitation/workshop)
3 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

*prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.*

4 hrs
3 cr.

PSYCH 39600 - Honors in Psychology

Independent, sponsored, empirical research and seminar. Students are expected to attend the regularly scheduled seminar. An APA-style research report or its equivalent (to be filed in the department) is a requirement of this course. To graduate with departmental honors, the student must receive a grade of A in PSYCH 39600. Honors in Psychology is typically a one-semester course; however, when a PSYCH 39600 research project extends beyond a single semester, the student may (with permission) register for a second semester as PSYCH 39800. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.

*prereq: ENGL 12000, PSYCH 24900 or 25000; 3.5 major GPA; 3.00 cumulative GPA; perm instr.*

3 hrs
3 cr.

PSYCH 39800 - Honors in Psychology

Independent sponsored research and seminar. Attendance at regularly scheduled seminar and research report required. If taken, the student must receive a grade of A in both PSYCH 39600 and 39800 to graduate with departmental honors.

*prereq: PSYCH 39600, perm instr.*

3 hrs
3 cr.

Electives
Nine credits from the following (at least 3 must be from Biology)

**BIOL 37000 - Physiology of the Nervous System**

**GER**
3/B

A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.

*prereq: BIOL 30000 or perm instr.*

4 hrs (lec)

4 cr.

*spring only*

**BIOL 37600 - Endocrinology**

**GER**
3/B

Cellular organization of the endocrine system; molecular mechanisms of hormone action; hormonal physiology of metabolism and reproduction; integration of endocrine responses by the central nervous system.

*prereq: BIOL 20200 or perm instr.*

3 hrs (lec)

3 cr.

*spring only*

**BIOL 38000 - Molecular Neurobiology**

**GER**
3/B

Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.

*prereq: BIOL 30000 or perm instr.*

3 lec hrs

3 cr.

*fall only*

**PSYCH 30100 - Sensation and Perception**

**GER**
3/B

Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

*prereq: ENGL 12000, PSYCH 24900 OR 25000, PSYCH 22400*

3 hrs

3 cr.
PSYCH 30900 - Behavioral Neuroendocrinology

Pluralism and Diversity
PD/C
GER
3/B

An overview of how behavior is influenced by differential hormone action and how hormones influence the development and expression of sexually dimorphic behaviors. While a biology background is not required, this course will be a biology-based discussion of behavioral endocrinology.

prereq: ENGL 12000. PSYCH 24900 or 25000 and PSYCH 22400
3 hrs
3 cr.

PSYCH 31600 - Cognitive Neuroscience

The course will address some of the central issues in contemporary cognitive neuroscience, describe old (clinical studies) and new (brain imaging) sources of information, their limitations and their contributions to our understanding of the neural mechanisms of cognition.

prereq: ENGL 1200, PSYCH 24800, PSYCH 24900 or 25000, PSYCH 22400
3 hrs
3 cr.

PSYCH 32700 - Motivation and Emotion

GER
3/B

The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

prereq: ENGL 12000, PSYCH 24900 or 25000; and PSYCH 22400
3 hrs
3 cr.

PSYCH 36900 - Behavioral Pharmacology

GER
3/B

This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and psychotherapeutic agents.

prereq: ENGL 12000, PSYCH 24900 or 25000, PSYCH 30000 or perm instr. and PSYCH 22400
3 hrs
3 cr.

PSYCH 38200 - Current Topics in Biopsychology
Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of biological psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

_prereq: PSYCH 22400 (Neuroscience) PSYCH 25000 Open only to psychology majors._

3 hrs
3 cr.

**Social/Clinical/Health Psychology with Corresponding Focus Areas**

**Social Psychology**

**PSYCH 22000 - Personality**

**GER**
3/B

Review of the contributions to the understanding of normal personality in the theories of the Freudian and other analytical schools; of Allport, of representative behaviorist groups and of constitutional typologists; also, methods of assessing and understanding individual personality.

Writing Intensive

_prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000_

3 hrs
3 cr.

**PSYCH 23000 - Social Psychology**

**GER**
3/B

Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.

Writing Intensive

_prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000_

3 hrs
3 cr.

**PSYCH 23500 - The Psychology of Women**

**Pluralism and Diversity**

PD/C

**GER**
3/B

Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.
Writing Intensive
cross-listed WGSP 23500 (W)

prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 31300 - Adolescence

This course reviews the physical, cognitive, emotional, and social changes that typically occur during adolescence. Topics include classic and contemporary theories of adolescent development and the interactions between adolescents and their social and cultural environments.

prereq: ENGL 12000, PSYCH 24900 or 25000, and PSYCH 21000
3 hrs
3 cr.

PSYCH 33100 - Social Cognition of Gender

The course examines the social cognitive and motivational processes that a) underpin beliefs about and evaluations of men and women, b) affect behaviors toward and by men and women, and c) change or entrench attitudes and behaviors.

prereq: ENGL 12000, PSYCH 24900 or 25000, and either PSYCH 23000 or PSYCH 24300
3 hrs
3 cr.

PSYCH 33200 - Attitudes and Persuasion

This course reviews basic theory and research applications on attitudes and attitude change processes, including how attitudes are measured, used to predict behavior, and, to persuade individuals.

prereq: ENGL 12000; PSYCH 24900 or 25000; and PSYCH 21000 -or- 23000
3 hrs
3 cr.

PSYCH 33300 - Advanced Social Psychology Theory and Methods

In-depth training in the concepts and skills necessary for conducting scientific research in social psychology. Core concepts in social psychology are used as the basis for case-studies in which different methods for examining constructs are illustrated and compared.

prereq or coreq: PSYCH 24800 with a minimum grade of C; completion of PSYCH 24900 or 25000; declaration of the psychology major.
3 hrs
3 cr.

PSYCH 33400 - Cultural Psychology

As ours society becomes more multi-cultural, the question of how culture impacts psychological processes is increasingly important. The goal of this course is to expose students to the ways that cultural meanings, practices, and institutions influence and reflect individual human psychologies, with an emphasis on cultural variability in psychological theories and research findings. Topics include but are not limited to: a) What is cultural psychology; b) Research methods in cultural psychology; c) Historical and conceptual issues in cultural psychology d) cross-cultural models of self, attention, perception, morality, memory, human development and health, e) cultural differences in gender effects and f) policy implications of cultural psychology

prereq: ENGL 12000, Completion of PSYCH 24900 or 25000 and PSYCH 23000
3 hrs.
3 cr.

PSYCH 38500 - Current Topics in Social Psychology

Focuses on contemporary knowledge and issues in the scholarly literature in selected areas within social psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

prereq: PSYCH 23000 (Social Psychology; PSYCH 24900 or 25000. Open only to psychology majors.
3 hrs
3 cr.

Clinical Psychology

PSYCH 22300 - Abnormal Psychology

GER
3/B

Consideration of psychological abnormalities; symptoms, etiology, diagnostic procedures and therapy. Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 32300 - Developmental Psychopathology

GER
3/B

Survey and evaluation of empirical and theoretical approaches to the major psychological abnormalities that arise in childhood and adolescence; their characteristics, causes and treatments.

prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000
3 hrs
3 cr.

PSYCH 34100 - Stress, Trauma, and Resilience

This course covers the interrelated topics of stress, trauma, and resilience. The course uses a clinical science perspective to explore both normative (healthy) and problematic physiological and psychological responses to stress and trauma, as well as factors that influence resilience.

prereq: ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000
3 hrs.
3 cr.

PSYCH 34200 - Emotion: Function and Dysfunction
Focus of the course will be on understanding the role of emotion in both functional and dysfunctional contexts. Through readings, class discussion, and lecture, we will address how emotions can both be vital for survival yet at the heart of so many mental disorders.

**prereq:** ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000

3 hrs.
3 cr.

**PSYCH 34400 - Clinical Psychology**

Clinical psychologists engage in a wide range of activities including research, teaching, assessment, administration, consultation. This course will discuss controversial issues regarding how to best define clinical psychology in a modern health practice context.

**prereq:** ENGL 12000, PSYCH 22300 PSYCH 24900 or 25000

3 hrs.
3 cr.

**PSYCH 36100 - Psychological Tests**

**GER**
3/B

Introduction to the principles of psychological assessment; major methods of measuring general ability, aptitude, achievement, interest, personality. Appraisal of psychological tests.

**prereq:** ENGL 12000. PSYCH 24900 or 25000, PSYCH 21000

3 hrs
3 cr.

**PSYCH 38600 - Current Topics in Clinical Psychology**

Focuses on contemporary knowledge and issues in the scholarly literature in a focused area of clinical psychology. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field. Topics vary each term.

**prereq:** PSYCH 22300 (Abnormal Psychology); PSYCH 24900 or 25000. Open only to psychology majors.

3 hrs
3 cr.

**Health Psychology**

**PSYCH 24200 - Health Psychology**

**GER**
3/B

Psychological and behavioral factors related to physical illness and health promotion, including such areas as aging, stress and coping, pain, addiction and eating disorders. Writing Intensive

**prereq:** PSYCH 10000 and any other 3 cr PSYCH course
**prereq or coreq:** ENGL 12000
3 hrs
3 cr.

**PSYCH 36200 - Psychological Determinants of Health Disparities**

Current research, theory, and applications related to the psychological determinants of health disparities that are experienced as a function of population characteristics, including race/ethnicity, gender, age, socioeconomic status, and sexual orientation.

*prereq: PSYCH 24900 -or- 25000; PSYCH 24200. Open only to psychology majors.*

3 hrs
3 cr.

**PSYCH 36300 - Health Behavior Change**

A theoretical and practical introduction to health behavior change. The course explores the social and behavioral theories that guide understanding of health behavior and describes how these theories are translated into testable interventions for health promotion, risk reduction, and treatment.

*prereq: PSYCH 24200 (Health Psychology); PSYCH 24900 or 25000; Open only to psychology majors.*

3 hrs
3 cr.

**PSYCH 36400 - Sexuality and Health**

This course reviews the field of sexual health research, sexual health policy, and sexual health education and intervention, as well as specific topics such as the role of gender, sexual orientation, and personal motivation in sexual health.

*prereq: PSYCH 17000 (Psychology of Human Sexuality); PSYCH 24200 (Health Psychology); PSYCH 24900 or 25000. Open only to Psychology Majors.*

3 hrs
3 cr.

**PSYCH 36500 - Coping with Chronic Disease**

Focuses on current knowledge of psychological adjustment to chronic health conditions, including - intrapersonal, interpersonal and social determinants of adjustment using theory and empirical evidence within a stress and coping framework. Emphases are on interdisciplinary approaches and critical thinking, including links to theoretical, empirical, and applied foundations of the field.

*prereq: PSYCH 24200, PSYCH 24900 or 25000. Open only to Psychology majors.*

3 hrs
3 cr.

**PSYCH 36600 - Interpersonal Relationships and Health**

This course will familiarize students with current research, theory, and applications related to interpersonal processes and health, emphasizing emotional as well as physical health. It will broadly consider the literature in health psychology and relationship science and therefore maintains a biopsychosocial perspective of health and well-being.

*prereq: PSYCH 24200 (Health Psychology) or PSYCH 23000 (Social Psychology); PSYCH 24900 or 25000; Open only to psychology majors.*
PSYCH 36700 - Biological and Social Bases of Addictive Behavior

A biopsychosocial approach to understanding risk factors, onset, course, treatment considerations and prognosis for common addictive behaviors. It explores the neurobiological, psychological, pharmacological, and cultural themes that unify the understanding of addictive behaviors.

prereq: PSYCH 24200 (Health Psychology) or PSYCH 22300 (Abnormal Psychology); PSYCH 24900 or 25000; PSYCH 30000 (Physiological Psychology). Open only to psychology majors.

3 hrs
3 cr.

PSYCH 38700 - Current Topics in Health Psychology

Contemporary knowledge and issues in the scholarly literature in a focused area of health psychology. Emphases on interdisciplinary approaches and critical thinking, including links to theoretical and empirical foundations of the field. Topics vary each term.

prereq: PSYCH 24200; PSYCH 24900 or 25000; Open only to psychology majors

3 hrs
3 cr.

Religion

Overview

In the program in Religion, students examine the nature of religion and the forms its various expressions have taken. Religion is studied as an academic discipline and the program's approach reflects no doctrinal bias. The purposes of the program are to introduce the field of religion in general; to present the thoughts, documents and history of major religious traditions (both Eastern and Western, ancient and modern, missionary and tribal); and to give students insight into specific religious issues and thinkers. The program consists of a series of core courses taught by specialists in the field, augmented by other religion courses offered by faculty in 8 participating departments or divisions: Anthropology, Africana and Puerto Rican/Latino Studies, Chinese, Classics, Hebrew, History, Philosophy and Sociology. The program is divided into four categories of courses: Introduction to the field of religion (basic introductory courses); Theoretical studies in religion (courses focusing on different methodological approaches to the study of religion); Issues in religion (courses dealing with religious experience, faith, ethics, religion and the arts); and Religious traditions (courses in major religious traditions).

What can I do with my degree in Religion?

Studying theology and religious studies gives you a thorough understanding of the major world religions, their historical development and their relationship with the world we live in. Graduates continue to careers in religion, law, education, business, journalism, social work, medicine and health care.

Programs and Courses in Religion

Program and Courses in Religion
Administration and Faculty

Director:
Barbara Sproul
1206 West
(212)772-4989
bsproul@hunter.cuny.edu

Program Office:
Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM
1241 West
(212) 772-4989
Website: http://www.hunter.cuny.edu/religion

Faculty

Religion Faculty

HEGIS Code: 1510

Degree Map for Religion

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Religion major. The Degree Map is a tool to assist you and your Religion advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your Religion advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- HCR - Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- HCR - Individual and Society: Social Sciences
- HCR - US Experience in its Diversity

Spring

REL 11000 - Nature of Religion (W)

Hunter Core
Individual and Society (Humanities) - I&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- Foreign Language - Elementary Level II
- HCR - Creative Expression
- HCR - Scientific World

Sophomore Year

Fall

REL 11100 - Approaches to Religion (W)

Hunter Core
Individual and Society (I&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
prereq: ENGL 12000
3 hrs
3 cr.

- HCR - Life and Physical Sciences
- Foreign Language - Intermediate Level I
- ELECTIVE
- ELECTIVE

Spring

REL 25100 - Asian Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism, and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr.

- Foreign Language - Intermediate Level II
- ELECTIVE
- ELECTIVE
- ELECTIVE

Junior Year

Fall

REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

- REL - Course in Theoretical Studies In Religion
- ELECTIVE
- ELECTIVE
- HCR - Concentrated Study
Spring

- REL - Course in Issues in Religion
- REL - Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Senior Year

Fall

- REL - Elective
- REL - Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- REL - Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

Minor in Religion

The Minor in Religion consists of four courses for a total of 12 credits.

- The following two courses are required:
  - REL 11000 - Nature of Religion (W)
  - REL 11100 - Approaches to Religion (W)
- Also required for the Minor in Religion:
  a) one course to be chosen from those listed under the category “Religious Traditions”; and
  b) one course from the category “Issues in Religion” reflecting a theme central to the religious tradition in which the student has chosen to focus, to be selected in consultation with a Religion Program adviser.

At least one course presented in satisfaction of the minor must be a 300-level course.

Religion - BA

The Program in Religion at Hunter College is the oldest, largest and most comprehensive program of religious studies in the City University. It offers over eighty courses, including several courses in aspects of each of the major world
religions (Judaism, Christianity, Islam, Hinduism and Buddhism) as well as in the traditional religions of Africa, Oceania and the Americas; courses in various methodological approaches to the study of religions; and courses in specific issues (such as faith and disbelief, mysticism, myth and ritual, religious experience, the problem of evil, the meaning of love and sex, and the meaning of death) that are fundamental to all religions.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Religion, the courses that meet CCCR are:

**REL 11000 - Nature of Religion (W)**

**Hunter Core**
Individual and Society (Humanities) -I&S H
**GER**
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
*3 hrs*
*3 cr.*

**REL 11100 - Approaches to Religion (W)**

**Hunter Core**
Individual and Society (I&S) Humanities
**GER**
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
*prereq: ENGL 12000*
*3 hrs*
*3 cr.*

**REL 20400 - Religious Experience (W)**

**Hunter Core**
Individual and Society (Humanities) -I&S H
**Pluralism and Diversity**
PD/D
**GER**
2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
*prereq: ENGL 12000*
*3 hrs*
*3 cr.*

**REL 20500 - Faith and Disbelief (W)**
Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Examination of questions of faith and disbelief in modern Western thought.

prereq: ENGL 12000
3 hrs
3 cr.

REL 20600 - Ideas of God in Contemporary Western Thought (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.

prereq: ENGL 12000
3 hrs
3 cr.

REL 20700 - Religious Sources for Morality (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.

prereq: ENGL 12000
3 hrs
3 cr.

REL 20800 - Religion and Social Justice (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/B

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.

prereq: ENGL 12000
It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

prereq: ENGL 12000

REL 21100 - The Sacred Sky: Astrology in World Religions (W)

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.

prereq: ENGL 12000

REL 25100 - Asian Religions (W)

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.

prereq: ENGL 12000
REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25500 - Religions of Two Gods (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/A
A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25600 - Afro-Caribbean Religions (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25700 - Religions of Ancient Central and South America (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
P/D B
GER
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization.
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 25800 - Religions of Ancient Europe (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
P/D D
GER
2/C

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and
farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe—as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

prereq: ENGL 12000
3 hrs
3 cr.

REL 27000 - Religion and Psychology (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (24 credits)

A major in religion consists of 24 credits. Students are required to take REL 11000-Nature of Religion and REL 11100-Approaches to Religion followed by at least one course in theoretical studies, at least one course in religious issues, and at least one course in religious traditions. It is recommended that students take REL 25100-Asian Religions and REL 25300-Abrahamic Religions from the religious traditions course offerings.

1. Introduction to the Field of Religion
2. Theoretical studies in Religion
3. Issues in Religion
4. Religious Traditions

On becoming a major the student, in consultation with the director, will select one member of the program in Religion staff as his or her major adviser. Each religion major is required to consult with this adviser at least twice a year.

I. Introduction to the Field of Religion

REL 11000 - Nature of Religion (W)

Hunter Core
Individual and Society (Humanities) - I&S H
GER
2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.
REL 11100 - Approaches to Religion (W)

Hunter Core
Individual and Society (I&S) Humanities
GER
2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.

prereq: ENGL 12000
3 hrs
3 cr.

II. Theoretical Studies in Religion

REL 27000 - Religion and Psychology (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.

prereq: ENGL 12000
3 hrs
3 cr.

SOC 20500 - Sociology of Religion

GER
3/B

Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.

prereq: SOC 10100
3 hrs
3 cr.

PHILO 26200 - Philosophy of Religion (W)

GER
3/A

Philosophical examination of some religious questions and beliefs.

prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr.

ANTHC 30700 - Anthropology of Religion
Pluralism and Diversity
PD/A
GER
3/B

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr.

REL 39000 - Modern Theories of Religion (W)

Pluralism and Diversity
PD/D
GER
3/A

An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.

prereq: ENGL 12000, REL 11100
3 hrs
3 cr.

REL 26000 - Special Topics: Theoretical Studies in Religion

Specialized study of a methodological approach to the study of religion. Different topic each time offered.
3 hrs
3 cr.

REL 36000 - Special Topics: Theoretical Studies in Religion

GER
3/A

Specialized study of a methodological approach to study of religion. Different topic each time offered.
3 hrs
3 cr.

III. Issues in Religion

REL 20400 - Religious Experience (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/D
GER
2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
### REL 20500 - Faith and Disbelief (W)

**Hunter Core**  
Individual and Society (Humanities) -I&S H  
**Pluralism and Diversity**  
PD/D  
**GER**  
2/C

Examination of questions of faith and disbelief in modern Western thought.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

### REL 20600 - Ideas of God in Contemporary Western Thought (W)

**Hunter Core**  
Individual and Society (Humanities) -I&S H  
**Pluralism and Diversity**  
PD/D  
**GER**  
2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

### REL 20700 - Religious Sources for Morality (W)

**Hunter Core**  
Individual and Society (Humanities) -I&S H  
**Pluralism and Diversity**  
PD/D  
**GER**  
2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.  
*prereq: ENGL 12000*  
3 hrs  
3 cr.

### REL 20800 - Religion and Social Justice (W)

**Hunter Core**  
Individual and Society (Humanities) -I&S H  
**Pluralism and Diversity**  
PD/D
An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.

**prereq:** ENGL 12000

3 hrs

3 cr.

**REL 20900 - Religion and Human Rights (W)**

**Hunter Core**

Individual and Society - Humanities

**GER**

2/C

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—for example, those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

**prereq:** ENGL 12000

3 hrs

3 cr.

**REL 21000 - Atheism (W)**

When a person, group, or idea is called 'atheist,' is that only a statement about theology or metaphysics, or do those who use that label intend to invoke the cultural power of God and, if so, to what end? How is the concept, 'atheism,' put into action in the world, and what does what we say about atheism say about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.

**prereq:** ENGL 12000

3 hrs

3 cr.

**REL 21100 - The Sacred Sky: Astrology in World Religions (W)**

**Hunter Core**

World Cultures and Global Issues (WCGI)

**GER**

2/C

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.

**prereq:** ENGL 12000
3 hrs
3 cr.

**REL 30700 - Religious Ideas in Modern Literature (W)**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Exploration of religious themes in modern literature.
*prereq: ENGL 12000*
3 hrs
3 cr.

**REL 30800 - Religion and the Arts (W)**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.
*prereq: ENGL 12000*
3 hrs
3 cr.

**REL 30900 - The Religious Meanings of Love and Sex (W)**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
*prereq: ENGL 12000*
3 hrs
3 cr.

**REL 31000 - The Religious Meanings of Death (W)**

**Pluralism and Diversity**
**PD/D**
**GER**
3/A

Consideration of the meaning of death in major world religions.
*prereq: ENGL 12000*
3 hrs
3 cr.
REL 31100 - Women and Religion (W)

Pluralism and Diversity
PD/C
GER
3/A

An examination of the role of women and the concept of the feminine in world religions.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and non-Western traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31300 - Ecospirituality: Religion and Nature (W)

Pluralism and Diversity
PD/D
GER
3/A

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31400 - Religion and Sports (W)

GER
3/A

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport. Course foci: a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of team sports against the background of the reconsideration of the importance of the body in 19th century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative; and d) an arguable implicit spirituality of sport.
prereq: ENGL 12000
REL 31500 - The Problem of Evil (W)

Pluralism and Diversity
PD/D
GER
3/A

Exploration of the religious meaning of evil in different cultures.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31600 - Men and Religion (W)

Pluralism and Diversity
PD/C -or- PD/D

Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of
men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars
that the generic human is neither male nor female, and such scholars—both male and female—have begun to address
issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging
scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which
religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of
masculinity to promote itself.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31700 - Religion and Film (W)

As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for
human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging
discipline of 'religion and film studies.' As such, students will explore the nature of vision, representation, and narrative
— topics central to both film and religious studies. Students will also view and analyze films as expressions of culture,
including religious culture, and seek to understand the impact of ideology and social practice, gender and sexuality, as
well as the economic structures underlying both film and religion.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31800 - Religion and Science (W)

A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and
contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions
underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the
modern academic study of religion as well as those of the philosophy of science.
prereq: ENGL 12000
3 hrs
3 cr.
REL 31900 - Religion and the Body (W)

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.

prereq: ENGL 12000
3 hrs
3 cr.

REL 33400 - Mysticism (W)

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.

prereq: ENGL 12000
3 hrs
3 cr.

REL 33500 - Myth and Ritual (W)

Pluralism and Diversity
PD/D
GER
3/A

Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis.

prereq: ENGL 12000
3 hrs
3 cr.

REL 34000 - Homosexuality in World Religions (W)

Pluralism and Diversity
PD/C
GER
3/A

A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender.

prereq: ENGL 12000
3 hrs
3 cr.

REL 26100 - Special Topics: Issues in Religion
Study of particular religious topics or thinkers. Different subject each time offered.

3 hrs
3 cr.

**REL 36100 - Special Topics: Issues in Religion**

GER
3/A

Study of particular religious topics or thinkers. Different subject each time offered.

3 hrs
3 cr.

**IV. Religious Traditions**

**Ancient Religions**

**REL 25200 - Ancient Near Eastern Religions (W)**

**Hunter Core**
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**
PD/A

**GER**
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

*prereq: ENGL 12000*

3 hrs
3 cr.

**REL 25700 - Religions of Ancient Central and South America (W)**

**Hunter Core**
World Cultures and Global Issues (WCGI)

**Pluralism and Diversity**
P/D B

**GER**
2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization.

The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

*prereq: ENGL 12000*

3 hrs
3 cr.

**REL 25800 - Religions of Ancient Europe (W)**
Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples—the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe—as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

**CLA 30300 - Religion of Ancient Greece (W)**

Pluralism and Diversity
GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.

**CLA 30400 - Pagans and Christians (W)**

Pluralism and Diversity
PD/D
GER
3/A

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.

**HEBR 28600 - Ancient Near Eastern Literature and the Bible**

Pluralism and Diversity
PD/A
GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.

**Asian Religions**

**REL 25100 - Asian Religions (W)**
Hunter Core
World Culture and Global Issues (WCGI)

**Pluralism and Diversity**

PD/A
GER
2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
*prereq: ENGL 12000*
3 hrs
3 cr.

**REL 32000 - Hinduism (W)**

Pluralism and Diversity
PD/A
GER
3/A

Study of Hinduism, its development, history, literature, philosophy and religious practices.
*prereq: ENGL 12000*
3 hrs
3 cr.

**REL 32100 - Buddhism (W)**

Pluralism and Diversity
PD/A
GER
3/A

Study of Buddhism, its development, history, literature, philosophy and religious practices.
*prereq: ENGL 12000*
3 hrs
3 cr.

**REL 33600 - Zen (W)**

Pluralism and Diversity
PD/A
GER
3/A

An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds.
*prereq: ENGL 12000*
3 hrs
3 cr.

**PHILO 21900 - Chinese Philosophy (W)**

Hunter Core
World Culture and Global Issues (WCGI)
Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.

prereq: ENGL 12000
3 hrs
3 cr.

**PHILO 22100 - Indian Philosophy (W)**

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and IndoTibetan traditions.

prereq: ENGL 12000
3 hrs
3 cr.

**African, Afro-Caribbean and Afro-American Religions**

**REL 25600 - Afro-Caribbean Religions (W)**

An introduction to the diversity of African-based religions in the Caribbean and beyond.

prereq: ENGL 12000
3 hrs
3 cr.

**AFPRL 22000 - African Spirituality in the Diaspora**

The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.

3 hrs
3 cr.
**AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)**

**Pluralism and Diversity**
PD/A
GER
3/A

Examination of African religious systems, metaphysical conceptions and philosophy.  
*prereq: AFPRL 22200 or perm instr.*  
3 hrs  
3 cr.  
*offered every other sem.*

**AFPRL 32300 - Islam and Christianity in Africa (W)**

GER
3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.  
*prereq: AFPRL 201 or 202 or 222 or perm instr.*  
3 hrs  
3 cr.

**AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)**

**Pluralism and Diversity**
PD/A or B
GER
3/A

Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.  
*prereq: AFPRL 14100 or 24300*  
3 hrs  
3 cr.

**AFPRL 42000 - The Black Church and Social Change**

GER
3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.  
*prereq: AFPRL 20300 or 20400 or 20500 or perm instr.*  
3 hrs  
3 cr.

**Abrahamic Religions**

**REL 25300 - Abrahamic Religions (W)**
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam-- with some considerations of Zoroastrian parallels.

prereq: ENGL 12000
3 hrs
3 cr.

REL 25500 - Religions of Two Gods (W)

Hunter Core
Individual and Society (Humanities) -I&S H
Pluralism and Diversity
PD/A
GER
2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

prereq: ENGL 12000
3 hrs
3 cr.

HEBR 24000 - Introduction to the Old Testament

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
HEBR 29200 - The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER
2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.

HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.

HIST 21000 - History of Judaism

GER
2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.

HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.
Courses at the 300-level and above not offered to freshmen.
HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

REL 33000 - New Testament Religion (W)

Pluralism and Diversity
PD/D
GER
3/A

prereq: ENGL 12000
3 hrs
3 cr.

REL 32300 - Christianity (W)

Pluralism and Diversity
PD/D
GER
3/A

Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
prereq: ENGL 12000
3 hrs
3 cr.
REL 33300 - Christian Theology (W)

Pluralism and Diversity

PD/D

GER

3/A

An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.

prereq: ENGL 12000

3 hrs

3 cr.

HIST 31400 - Ancient and Medieval Christianity (W)

Pluralism and Diversity

PD/D

GER

3/B

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.

Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000

3 hrs

3 cr.

HIST 31500 - Christianity in Modern Times

GER

3/B

Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.

3 hrs

3 cr.

HIST 31600 - History of Religion in the United States

GER

3/B

Changing European churches and indigenous American sects; their architecture, leaders and ideas.

Courses at the 300-level and above not offered to freshmen.

3 hrs

3 cr.

REL 32200 - Islam (W)

Pluralism and Diversity

PD/A

GER
Study of Islam, its development, history, literature, philosophy and religious practices.

**prereq:** ENGL 12000

3 hrs

3 cr.

**REL 32400 - Islam and Buddhism (W)**

**Pluralism and Diversity**

PD/A

**GER**

3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.

**prereq:** ENGL 12000

3 hrs

3 cr.

**REL 32600 - Religious Meanings of the Qur'ān (W)**

**GER**

3/A

This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" (ʻUlūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the textbook. This material is chosen on the basis of (1) interest, (2) accessibility (especially the availability of English translations) and (3) the ability to give students some exposure to the variety of styles and approaches to the material available in the literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.

**prereq:** Engl 12000

3 hrs

3 cr.

**REL 33700 - Sufism (W)**

**Pluralism and Diversity**

PD/A

**GER**

3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta'awwuf, attending to the history, doctrine and metaphysics of the Sufi path.

**prereq:** ENGL 12000

3 hrs

3 cr.

**Tribal Religions**
REL 25400 - Tribal Religions: From Australia to the Americas (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A or B
GER
2/C

Study of indigenous religions of Pacific Islanders and North American Indians.

prereq: ENGL 12000
3 hrs
3 cr.

Special Topics in Traditions

REL 26200 - Special Topics: Religious Traditions

Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.
3 hrs
3 cr.

REL 36200 - Special Topics: Religious Traditions

GER
3/A

Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.
3 hrs
3 cr.

Independent Study

REL 41000 - Independent Study in Religion

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.

May be taken a second or third time with another subject.

prereq: perm chair
hrs TBA
1-6 cr.

Honors

To be eligible for honors classes a student must have the director's permission and at least a 3.5 GPA in the major and cumulatively. To qualify for departmental honors, a student must complete one of the honors courses with a grade of B or above, achieving a final GPA in Religion and cumulatively of at least 3.5.

REL 45000 - Honors Seminar in Religion
Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.

prereq: five courses in religion or a major/CUNY-BA focus in religion and perm instr. or program director
3 hrs
3 cr.

REL 49000 - Honors Tutorial in Religion

Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.

prereq: perm chair
hrs TBA
3-6 cr.

Degree Map for Religion

Degree Map for Religion

Romance Languages

Overview

The Department of Romance Languages at Hunter College offers language, culture and literature courses in French, Italian, Spanish, as well as literature and culture courses in English. Our degrees include the undergraduate major and master's degrees in French, Italian and Spanish. We also offer a Romance Languages major that combines knowledge and understanding of two Romance literatures and cultures. Besides these offerings, the department has added a major concentration in Spanish-English/English-Spanish Translation and Interpretation, an expansion of its vision of providing professional training within the context of traditional liberal arts.

What can I do with my degree in Romance Languages?

The department is committed to equipping students for professional life: it has continued Hunter's tradition in teacher preparation. Most students majoring in one or two Romance languages pursue careers in education. Others enter careers in the fields of commerce, tourism, interpretation and translation and international affairs, among others.

Foreign Language Requirement

Language Proficiency Requirement

Programs and Courses

Programs and Courses in Romance Languages
Administration and Faculty

Chair:

Monica Calabritto
1309 West
(212) 772-5098
mcalabri@hunter.cuny.edu

Paolo Fasoli
1311 West
(212) 772-5129
pfasoli@hunter.cuny.edu

Julie Van Peteghem
1311B West
jv41@hunter.cuny.edu
(212) 772-5128

Department Office:

Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM
1341 West
(212) 772-5306
http://www.hunter.cuny.edu/romancelanguages

Faculty

Romance Languages Faculty

HEGIS Code: 1102 (French); 1104 (Italian); 1105 (Spanish); 1101 (Romance Languages)

Degree Map for French - Language and Civilization

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
FREN 10100 - Elementary French I

Language lab mandatory. There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Language Proficiency Requirement.

FREN 10300 - Intensive Elementary French

Equivalent to material covered in 10100 and 10200. Language lab mandatory. There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

Spring

- ENGL 22000 - Introduction to Writing about Literature (W)
- FREN 24100 to FREN 26200 (range) Group B
- FREN 10200 - Elementary French II

-or-

- FREN 20300 - Intensive Intermediate French
Note: Students opting for Intensive 6 cr. option would postpone LIPS or I&S/H for the following semester.

Sophomore Year

Fall

- FREN 20100 Intermediate French I
  or Study Abroad (a): see note below
- FREN 24100 to FREN 26200 (range) Group B
- US Experience in Its Diversity
- ELECTIVE
- ELECTIVE
Spring

- FREN 20200 Intermediate French II
- FREN 24100 to FREN 26200 (range) Group B
- Creative Expression (CE) (See online catalog for titles)
- ELECTIVE
- ELECTIVE

Junior Year

Fall

- FREN 22000, FREN 27500, FREN 31100, FREN 31200, FREN 32100 (Two courses, Group A)
- World Cultures & Global Issues
- ELECTIVE
- ELECTIVE

Spring

- FREN 22000, FREN 31100, FREN 31200, FREN 27500 or FREN 32100 (2 courses, Group A)
- FREN 34100 or FREN 34200 (1 course, Group C)
- ELECTIVE
- ELECTIVE

Senior Year

Fall

- FREN 34100 or FREN 34200 (1 course, Group C)
- FREN 33500 - FREN 36500 (range)(1 course, Group C)
  or Study Abroad (b): see note below
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- FREN 33500 - FREN 36500 (range)(1 course, Group C)
- ELECTIVE
- ELECTIVE
- ELECTIVE
- ELECTIVE

Notes:
FREN 22000, FREN 27500, FREN 31100, FREN 31200, FREN 32100, Group A, taught in French: 12 credits must be taken from this category. No exceptions and no substitutions. Ideally, this sequence of courses should be completed before beginning 300-level courses, with the possible exception of FREN 34100 or FREN 34200, which may be started before completing all of Group A.

FREN 24100 to FREN 26200, Group B, taught in English: 0 to 9 credits may be taken in this category. Such courses may be taken simultaneously with the language sequence FREN 10100 - FREN 10200.

FREN 33500 to FREN 36500, Group C, taught in French: 9 to 18 credits must be taken from this category. Students are expected to take FREN 34100 FREN 34200 in addition to whatever other 300-level courses interest them. Depending on how many credits students take from Group B, the number of credits required from Group C will decrease. For example, if a student takes 0 credits from Group B, then the number of credits from Group C must total 18. If a student takes 3 credits from Group B, then the number of credits from Group C will total 15. Etc.

Study Abroad: a.) Compiègne: this immersion program is ideal for students who have completed one year of language study. Its successful completion will earn 6 credits toward FREN 20100 and FREN 20200. It should be completed during the summer between the first and second year; b.) Paris-CUNY Exchange Program: students are encouraged to study at least one semester in Paris. Ideally, a student should have approximately one year of upper division French courses under his or her belt before departure. Nota Bene: at least 15 credits of the major must be taken "in-residency," that is, at Hunter College. For courses taken abroad to be counted as equivalent, they must fit the course offerings in the French major.

*See department for availability of Intensive (FREN 10300 and FREN 20300).

**Degree Map for French Literature**

**Freshman Year**

**Fall**

- FREN 10100 - Elementary French I
- FREN 10300 - Intensive Elementary French * See note below
- Note: Students opting for Intensive 6 cr. option would postpone SW or I&S/SS for the following semester.
- Scientific World
- Individual and Society (Social Sciences)

**Spring**

- ENGL 22000 - Introduction to Writing about Literature (W)
- FREN 10200 - Elementary French II
-or-
- FREN 20300 - Intensive Intermediate French *See note below
- Note: Students opting for Intensive 6 cr. option would postpone LPS or I&S/H for the following semester.
- Life and Physical Sciences
- Creative Expression

Sophomore Year

Fall

- FREN 20100 - Intermediate French I
- or Study Abroad (a) See note below
- US Experience in Its Diversity
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- FREN 20200 - Intermediate French II
- World Cultures & Global Issues
- ELECTIVE
- ELECTIVE
- ELECTIVE

Junior Year

Fall

- FREN 31100 - Advanced French Grammar
- -or-
- FREN 31200 - French Oral and Written Expression
- -or-
- FREN 32100 - French Translation
- FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century
- or -

- FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period
- ELECTIVE
- ELECTIVE
- ELECTIVE

Spring

- FREN 34100 Survey of French Literature from the Middle Ages to the End of the 17th Century
- or -
- FREN 34200 Survey of French Literature from the 18th Century to the Modern Period
- FREN 33500 - FREN 36500 (select from this range)
- FREN 34300 - FREN 36500 (select from this range)
- ELECTIVE
- ELECTIVE

Senior Year

Fall

- FREN 33500 - FREN 36500 (select from this range)
- FREN 33500 - FREN 36500 (select from this range)
- FREN 33500 - FREN 36500 (select from this range)
- or Study Abroad (b) see note below
- ELECTIVE
- ELECTIVE

Spring

- FREN 33500 - FREN 36500 (select from this range)
- FREN 33500 - FREN 36500 (select from this range)
- ELECTIVE
- ELECTIVE
- ELECTIVE

Notes:
The French Literature concentration is ideal for students who are native speakers, or who already have an advanced level of French proficiency, and therefore require minimum language study.

FREN 31100, FREN 31200, FREN 32100: 3 credits must be taken from this category. No exceptions and no substitutions. This course may be taken simultaneously with FREN 34100 or FREN 34200.

FREN 34100 and FREN 34200: 6 credits must be taken from this category. Ideally, a student will have completed FREN 34200 before taking any 300-level course dealing with literature from the eighteenth, nineteenth, twentieth, or twenty-first centuries. Similarly, a student should have taken FREN 34100 before taking any 300-level course focusing on literature from the Middle Ages, the Renaissance, or the Grand Siècle.

FREN FREN 33500 -FREN 36500: 21 credits must be taken from this category.

Study Abroad: a.) Compiègne: this immersion program is ideal for students who have finished one year of language study. Its successful completion will earn 6 credits toward FREN 20100 and FREN 20200. It should be completed during the summer between the first and second year; b.) Paris-CUNY Exchange Program: students are encouraged to study at least one semester in Paris. Ideally, a student should have approximately one year of upper division French courses under his or her belt before departure. Nota Bene: at least 15 credits of the major must be taken "in-residency," that is, at Hunter College. For courses taken abroad to be counted as equivalent, they must fit with the course offerings in the French major.

*See department for availability of Intensive (FREN 10300 and FREN 20300).

Degree Map for Spanish Translation and Interpretation

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

SPAN 10300 - Intensive Elementary Spanish

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**SPAN 20300 - Intensive Intermediate Spanish**

Language lab mandatory.
Spanish for English speakers.

*prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200*

6 hrs

3 cr.

6 cr.

- Individual and Society (Humanities) I&S H
- ELECTIVE

Sophomore Year

Fall

Language Proficiency Requirement:

**SPAN 21100 - Spanish Grammar and Composition**

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.

*prereq: SPAN 20200 or 20300*

3 hrs

3 cr.

-or-

**SPAN 27000 - Spanish Composition for Spanish Speaking Students**
prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.

- US Experience in Its Diversity (USED)
- Life and Physical Sciences (LPS)
- Creative Expression (CE)
- ELECTIVE

Spring

SPAN 31100 - The Structure of Modern Spanish

prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.

- World Cultures & Global Issues (WCGI)
- Individual and Society (Social Sciences) I&S SS
- ELECTIVE

Junior Year

Fall

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr.

• One course from ENGL 20100, ENGL 21800, ENGL 30100, ENGL 30800, ENGL 30900
• ELECTIVE
• ELECTIVE

Spring

• SPAN 31300 Spanish Stylistics

• Two courses in Contemporary Spanish or Spanish American Theatre narrative or essay above SPAN 342 or from any of the following: SPAN 35300, SPAN 35500, SPAN 35700, SPAN 35800, SPAN 36200, SPAN 36400, SPAN 36500, SPAN 36600, SPAN 36700, SPAN 36800, SPAN 37000, SPAN 37100, SPAN 37400 or from AFPRL (taught in Spanish) or one of the above PLUS one course in Spanish or Spanish American Culture: SPAN 33500 or SPAN 33600.

• ELECTIVE
• ELECTIVE

Senior Year

Fall

• SPAN 38000 Introduction to Translation and Interpretation Studies

• One course from SPAN 38200 or SPAN 38300

• One course from Option A or B (see below under Notes: for specific information)

• One course from ENGL 20100, ENGL 21800, ENGL 30100, ENGL 30800, ENGL 30900

Spring

• One course from SPAN 38100 or SPAN 38400

• One course from SPAN 39000 Translation and Interpretation for the Professions (legal, literary or medical)

• One course from ENGL 20100, ENGL 21800, ENGL 30100, ENGL 30800, ENGL 30900

• One course from Option A or B (see Notes: below for specific information)

• One course from SPAN 39100 or SPAN 39200

Notes:
Students interested in Study Abroad should speak with Professor Schinaider about the Spanish Department's summer program in Madrid, Spain, and the January program in Argentina. This program carries a minimum of 6 credit hours that may be applied to the major and 3 that will count as elective credits.

Major consists of 51-57 credits. Students who demonstrate proficiency in Spanish through a placement exam may be exempted from some courses. Please see an adviser as soon as possible for proper direction.

Choose either Option A or Option B:

Option A: two courses in Contemporary Literature written in English from the following courses (6 credits)

ENGL 32000, ENGL 32100, ENGL 37700, ENGL 37900, AFPRP 35600 (See online catalog for titles).

Option B: One course from Option A above and one of the following courses (6 credits):

ANTHC 15100, ANTHC 35100, ANTHC 35300, ANTHC 35400, AFPRP 18100, ENGL 33200, MEDPL 20100, MEDPL 20200, THEA 16100, THEA 26100, THEA 26200. These course may be counted for credits in more than one program.

**French - BA**

**Major**

The French major provides two concentrations:

1. French Literature
2. French Language and Civilization

**Teacher Education Pathway**

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

**Study Abroad**

All study abroad programs are open to students from Hunter College and other accredited institutions. All French majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs. Students should speak with their undergraduate advisor in French.

Qualified students can apply for financial aid and STOCS grants.

For study abroad in France during the summer semester, two USAC programs in the cities of Lyon and Pau focus on French language and culture.

For a semester exchange in France, the CUNY-Paris Exchange Program offers students the opportunity to spend a semester or a year at a French university in Paris.
For more details, including requirements, contact the Office of Education Abroad.

**Honors**

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

**Graduate Study**

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and will be determined on a case-by-case basis. Consult the graduate catalog for requirements and regulations.

**French Language and Civilization**

A concentration in French language as well as in French and Francophone literature, culture and civilization. 12-24 credits from the language sequence (Group A); 0-9 credits from Group B (offered in English); and 9-18 credits from Group C (offered in French).

**Hunter Core Requirement**

While several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements), the Department discourages students from taking any major courses in English since it will slow down their development in French. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Although, in the case of the French Language and Civilization major, two courses meet the CCCR:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREN 24100</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>FREN 24200</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Students are strongly recommended to take their French-language equivalents instead: FREN 33500 and FREN 33600. They are central to the major. Please see a department adviser with any questions.

**Courses Required for the Major (30-42 credits)**

Students who demonstrate proficiency in French through a placement exam may be exempted from some courses.

12 credits from:

**FREN 10100 - Elementary French I**
Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

**FREN 10200 - Elementary French II**

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

*prereq: FREN 101 or one yr high school French.*

3 hrs
3 cr.

**FREN 10300 - Intensive Elementary French**

Equivalent to material covered in 10100 and 10200. Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

6 hrs
6 cr.

**FREN 20100 - Intermediate French I**

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

*prereq: FREN 10200 or two yrs high school French*

3 hrs
3 cr.

**FREN 20200 - Intermediate French II**

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

*prereq: FREN 2000 or three yrs high school French*

3 hrs
3 cr.

**FREN 20300 - Intensive Intermediate French**
Equivalent to material covered in 20100 and 20200. Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

prereq: FREN 10200 or two yrs high school French
6 hrs
6 cr.

12 credits from Group A:

**FREN 22000 - Advanced French Conversation**

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

**FREN 27500 - Introduction to French Literature**

Pluralism and Diversity
PD/D
Conducted in French. Introduction to literary texts and analysis using outstanding works of French literature in all genres from across centuries. Emphasis on reading comprehension and explication de texte.

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

**FREN 31100 - Advanced French Grammar**

prereq: FREN 20200
3 hrs
3 cr.

**FREN 31200 - French Oral and Written Expression**

prereq: FREN 20200 or equiv.
3 hrs
3 cr.

**FREN 32100 - French Translation**

prereq: FREN 20200 or equiv.
3 hrs
3 cr.

0-9 credits from Group B (offered in English):

**FREN 24100 - Early French Civilization: From Gothic to Revolution**
Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/D

GER

2/C

Conducted in English; readings in English.

3 hrs

3 cr.

FREN 24200 - Modern French Civilization: From Revolution to Present

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/D

GER

2/C

Conducted in English; readings in English.

3 hrs

3 cr.

FREN 25100 - French Literature and the Arts

Pluralism and Diversity

PD/D

Conducted in English; readings in English and French. Particular attention to theme, image and structure as they may be compared in literary and artistic works.

3 hrs

3 cr.

FREN 25200 - From Symbolism to Surrealism in French Literature

GER

3/A

Conducted in English; readings in English. Impressionist, symbolist, cubist, Dada and surrealist movements in literature and art from the late 19th to 20th century.

3 hrs

3 cr.

FREN 25300 - Modern French Theatre: Theory and Practice

Pluralism and Diversity

PD/D

GER

3/A

FREN 25400 - Film and the French Novel

Pluralism and Diversity
PD/D
GER
3/A

Conducted in English. Truffaut, Godard, Resnais, Robbe-Grillet and others.

FREN 25500 - New Approaches to Modern French Literature

GER
3/A

Conducted in English; readings in French and English. Investigation of various currents of 20th century literary and aesthetic criticism as practiced in France.

FREN 25600 - Dream and Image (W)

GER
3/A

Conducted in English. Analysis of literary representations of dreams. Exploration of the relationship between word and image in French Literature. Such authors as Flaubert, Maupassant, Nerval and Proust.

FREN 25700 - Literary Cross-Currents

Conducted in English. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.
prereq: reading knowledge of French

FREN 25800 - French Poetry in Translation

Conducted in English. Study of major themes, theories and texts from 16th century to the contemporary period.

FREN 25900 - French Theatre in Translation
Pluralism and Diversity
PD/D
Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation.
3 hrs
3 cr.

FREN 26000 - French Novel in Translation (1600-1900)

Pluralism and Diversity
PD/D
Readings in English; conducted in English. Development and evolution of the French novel; its relationship to other literary genres.
3 hrs
3 cr.

FREN 26100 - Modern French Novel in Translation (1900-Present)

Pluralism and Diversity
PD/D
Conducted in English; readings in English. From Gide and Proust to present.
3 hrs
3 cr.

FREN 26200 - Perspectives on Women in French Literature

Pluralism and Diversity
PD/C or D
GER
3/A

The representation of women in literary texts from the Middle Ages to the present. Conducted in English. Readings in English translation.
3 hrs
3 cr.

9-18 credits from Group C:

FREN 33500 - French Culture I

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 33600 - French Culture II

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.

**FREN 33700 - Contemporary French Culture**

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press.

*prereq: FREN 31100 or 31200 or perm instr.*

3 hrs
3 cr.

**FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century**

Pluralism and Diversity
PD/D
GER
3/A

*prereq: FREN 20200 or four yrs high school French*  
3 hrs
3 cr.

**FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period**

Pluralism and Diversity
PD/D
GER
3/A

*prereq: FREN 20200 or four yrs high school French*  
3 hrs
3 cr.

**FREN 34300 - Medieval and Renaissance French Literature**

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as See, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.

3 hrs
3 cr.
FREN 34400 - 17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruyère, Mme de Lafayette, La Fontaine, Malherbe, Molière, Pascal, Racine, Mme de Sévigny, Saint Simon.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 34600 - 18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 34800 - 19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.

FREN 34100 and 34200
3 hrs
3 cr.

FREN 34900 - 19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lisle-Adam, Zola.

prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 35000 - 20th Century French Literature (1900-1950)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Péguy, Proust, Sartre.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Koliès, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35300 - Survey of Francophone Literature

GER
3/A

A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36100 - Middle Ages and the Renaissance: Special Topics
Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36200 - The 17th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr.

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36400 - The 19th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 37500 - Seminar in French Literary History
Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
_prereq: FREN 34100 and 34200; five courses in French major_
3 hrs
3 cr.

FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to Jr/Sr only. Research in history of French literature.
_prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser_
3 hrs
3 cr.

FREN 49500 - Independent Study in French Literature

_prereq: perm adviser_
1-3 cr.

Additional Information

Within the Language and Civilization concentration, students may choose either FREN 24100 or FREN 33500 (but not both) and either FREN 24200 or FREN 33600 (but not both) to count towards the major.

Degree Map for French - Language and Civilization

Degree Map for French - Language and Civilization

French Literature

A concentration in French literature that emphasizes literary history, textual analysis, and critical theory.

Hunter Core Requirement

While several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements), the Department discourages students from taking any major courses in English since it will slow down their development in French. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (30-42 credits)

Students who demonstrate proficiency in French through a placement exam may be exempted from some courses.
12 credits from

FREN 10100 - Elementary French I

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

FREN 10200 - Elementary French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

prereq: FREN 101 or one yr high school French.

3 hrs
3 cr.

FREN 10300 - Intensive Elementary French

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

6 hrs
6 cr.

FREN 20100 - Intermediate French I

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

prereq: FREN 10200 or two yrs high school French

3 hrs
3 cr.

FREN 20200 - Intermediate French II

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

prereq: FREN 2000 or three yrs high school French

3 hrs
3 cr.
**FREN 20300 - Intensive Intermediate French**

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

*prereq: FREN 10200 or two yrs high school French*

6 hrs
6 cr.

3 credits from

**FREN 31100 - Advanced French Grammar**

*prereq: FREN 20200*

3 hrs
3 cr.

**FREN 31200 - French Oral and Written Expression**

*prereq: FREN 20200 or equiv.*

3 hrs
3 cr.

**FREN 32100 - French Translation**

*prereq: FREN 20200 or equiv.*

3 hrs
3 cr.

6 credits in

**FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century**

*Pluralism and Diversity
PD/D
GER
3/A*

*prereq: FREN 20200 or four yrs high school French*

3 hrs
3 cr.

**FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period**

*Pluralism and Diversity
PD/D*
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

21 credits from

**FREN 33500 - French Culture I**

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

**FREN 33600 - French Culture II**

Pluralism and Diversity
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
prereq: FREN 20200 or four years of high school French
3 hrs
3 cr.

**FREN 33700 - Contemporary French Culture**

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press.
prereq: FREN 31100 or 31200 or perm instr.
3 hrs
3 cr.

**FREN 34300 - Medieval and Renaissance French Literature**

Pluralism and Diversity
PD/D
GER
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as See, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr.

**FREN 34400 - 17th Century French Literature**
FREN 34600 - 18th Century French Literature

Pluralism and Diversity
PD/D  
GER  
3/A  
Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.  
prereq: FREN 34100 and 34200  
3 hrs  
3 cr.

FREN 34800 - 19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D  
GER  
3/A  
Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.  
FREN 34100 and 34200  
3 hrs  
3 cr.

FREN 34900 - 19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D  
GER  
3/A  
Such authors as Barbey durevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de l’isle-Adam, Zola.  
prereq: FREN 34100 and 34200  
3 hrs  
3 cr.

FREN 35000 - 20th Century French Literature (1900-1950)
Pluralism and Diversity
PD/D
GER
3/A

Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Péguy, Proust, Sartre.
*prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Koltès, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.
*prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35300 - Survey of Francophone Literature

GER
3/A

A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.
*prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

*prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 37500 - Seminar in French Literary History

Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr.

FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to Jr/Sr only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3 cr.

FREN 49500 - Independent Study in French Literature

prereq: perm adviser
1-3 cr.
Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:

**FREN 39900 - Second Language Acquisition**

*prereq: at least three courses at the 300 level in the language; ENGL 12000*

3 hrs

3 cr.

**Degree Map for French Literature**

**Italian - BA**

The Italian major provides two concentrations:

1. Italian Literature
2. Italian Language and Civilization

**Teacher Education Pathway**

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

**Honors**

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

**Graduate Study**

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. After consultation with an Italian adviser, permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

**Study Abroad**

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements). Qualified students can apply for financial aid and STOCS grants. Hunter in Italy: Other Study Abroad options can be discussed with an Italian adviser. Winter Program Hunter in Florence, held during January intersession, offers courses and Italian Culture and Literature taught in English.
Italian Language and Civilization

A concentration on Italian language with an emphasis on oral and written communication.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Italian major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITAL 28000</td>
<td>Individual and Society (H)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (30-42 credits)

Students who demonstrate proficiency in Italian through a placement exam may be exempted from some courses.

12 credits from:

ITAL 10100 - Elementary Italian I

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

ITAL 10200 - Elementary Italian II

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
prereq: ITAL 10100 or one yr high school Italian
3 hrs
3 cr.

ITAL 10300 - Intensive Elementary Italian

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an
intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

6 hrs
6 cr.

**ITAL 20100 - Intermediate Italian I**

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 10200 or 2 yrs high school Italian

3 hrs
3 cr.

**ITAL 20200 - Intermediate Italian II**

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 201 or three yrs high school Italian

3 hrs
3 cr.

**ITAL 20300 - Intensive Intermediate Italian**

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 10200 or 10300

6 hrs
6 cr.

15 credits from:

**ITAL 22100 - Italian for Oral Communication**

A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200 or perm dept.

3 hrs
3 cr.

**ITAL 31100 - Advanced Italian Grammar**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200 or equiv.

3 hrs
3 cr.
ITAL 31200 - Advanced Italian Composition

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 31100 or equiv.

3 hrs
3 cr.

ITAL 32100 - Italian Translation

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ITAL 311 or equiv.

3 hrs
3 cr.

ITAL 33100 - Italian Phonetics and Diction

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ITAL 202 or equiv.

3 hrs
3 cr.

ITAL 36500 - The 20th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200

3 hrs
3 cr.

15 credits from Group A (offered in English) and Group B (offered in Italian) with no more than 9 credits from Group A.

Group A:

ITAL 26000 - Modern Italian Short Story (W)

Pluralism and Diversity
PD/D
GER
2/C

In English. Study of the main literary trends in short story form, including Naturalism, Neorealism, Existentialism and Surrealism.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an
intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ENGL 120 or equiv.
3 hrs
3 cr.

ITAL 27500 - Masterpieces of Italian Literature

In English. Selections from Dante to Leopardi. Strongly recommended before taking any 300-level course. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000
3 hrs
3 cr.

ITAL 27600 - Dante's Divine Comedy in English (W)

Pluralism and Diversity
PD/D
GER
3/A

Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000
3 hrs
3 cr.

ITAL 28000 - The Italian Renaissance: An Introduction

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/D
GER
2/C

In English. An introduction to the literature of the Italian Renaissance and the major humanist figures in art, politics, philosophy and science. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000
3 hrs
3 cr.

ITAL 33400 - Italian Civilization in the Baroque, in English

Pluralism and Diversity
PD/D
GER
2/C
An introduction to the main artistic, philosophical, scientific and literary achievements in Italy in the 17th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 22000 or AFPL 23500, 23600 or 23700 or any courses in literature in translation
3 hrs
3 cr.

ITAL 33500 - Italian Culture I

GER 2C

In English. Main intellectual-artistic currents from the 12th to 15th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000
3 hrs
3 cr.

ITAL 33600 - Italian Culture II

GER 2/C

In English. Main intellectual-artistic currents from the 16th to 20th century. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 120
3 hrs
3 cr.

ITAL 33700 - Italian Women Writers from the Middle Ages to the 18th Century, in English

Pluralism and Diversity
PD/C
GER 2/C

Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambara, Gaspara Stampa, Vittoria Colonna, Diodada Saluzzo. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ENGL 12000
3 hrs
3 cr.

ITAL 33800 - 19th and 20th Century Italian Women Writers, in English

Pluralism and Diversity
PD/C
GER
Study of such representative writers as Sibilla Aleramo, Elsa Morante, Natalia Ginzburg, Dacia Maraini, Margherita Guidacci, Maria Luisa Spaziani.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ENGL 12000
3 hrs
3 cr.

**Group B:**

**ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century**

**GER**
3/A

Selections from Dante to Ariosto.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200
3 hrs
3 cr.

**ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present**

**Pluralism and Diversity**
GER 3/A PD/D

Selections from Tasso to contemporary writers.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200
3 hrs
3 cr.

**ITAL 34300 - Dante's Vita Nuova and Inferno**

**Pluralism and Diversity**
PD/D

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq:** ITAL 34100
3 hrs
3 cr.

**ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso**
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

Prereq: ITAL 34300
3 hrs
3 cr.

ITAL 34500 - Dante's Paradiso and Major Prose Works

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

Prereq: ITAL 34300
3 hrs
3 cr.

ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism

Il Canzoniere and II Decamerone.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

Prereq or coreq: ITAL 34100
3 hrs
3 cr.

ITAL 34700 - 16th Century Italian Literature

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

Prereq or coreq: ITAL 34100
3 hrs
3 cr.
ITAL 34800 - 17th and 18th Century Literature

Pluralism and Diversity

PD/D
GER
3/A

Study of such authors as Tasso, Goldoni and Alfieri.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100

3 hrs
3 cr.

ITAL 35000 - The Modern Italian Novel

Pluralism and Diversity

PD/D
GER
3/A

Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200

3 hrs
3 cr.

ITAL 35100 - The Modern Italian Theatre

GER

3/A

Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200

3 hrs
3 cr.

ITAL 36000 - The Middle Ages: Special Topics

GER

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100

3 hrs
3 cr.

ITAL 36100 - The Renaissance: Special Topics
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 36200 - The 17th Century: Special Topics**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 36300 - The 18th Century: Special Topics**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 36400 - The 19th Century: Special Topics**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 37000 - Italian Literature: Special Topics**

Topics to be offered may include individual authors, themes, genres, movements, or approaches.
ITAL 37500 - Seminar in Italian Literary History

Strongly recommended for all Italian majors. Readings, discussion and reports. There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. 
prereq: ITAL 34100, 34200

ITAL 49500 - Independent Study in Italian Literature

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. 
prereq: perm dept. adviser

Degree Map

Degree Map for Italian Language and Civilization

Italian Literature

A concentration on Italian literature with an emphasis on the study of literary history and texts. The majority of the courses are offered in Italian.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Course Required for the Major (30-42 credits)

Students who demonstrate proficiency in Italian through a placement exam may be exempted from some courses.

0-12 credits from

ITAL 10100 - Elementary Italian I

Language lab. 
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.
ITAL 10200 - Elementary Italian II

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 10100 or one yr high school Italian

ITAL 10300 - Intensive Elementary Italian

Equivalent to material covered in 101 and 102. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

ITAL 20100 - Intermediate Italian I

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 10200 or 2 yrs high school Italian

ITAL 20200 - Intermediate Italian II

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ITAL 201 or three yrs high school Italian

ITAL 20300 - Intensive Intermediate Italian

Equivalent to material covered in 20100 and 20200. Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 10200 or ITAL 10300

3 credits from

ITAL 31100 - Advanced Italian Grammar
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200 or equiv.
3 hrs
3 cr.

**ITAL 31200 - Advanced Italian Composition**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 31100 or equiv.
3 hrs
3 cr.

**ITAL 33100 - Italian Phonetics and Diction**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 202 or equiv.
3 hrs
3 cr.

9 credits from

**ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century**

**GER**
3/A

Selections from Dante to Ariosto.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200
3 hrs
3 cr.

**ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present**

**Pluralism and Diversity**
**GER 3/A PD/D**

Selections from Tasso to contemporary writers.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200
3 hrs
3 cr.

**ITAL 34300 - Dante’s Vita Nuova and Inferno**
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism**

**ITAL 34700 - 16th Century Italian Literature**

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.
and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. 

**prereq or coreq: ITAL 34100**

3 hrs

3 cr.

**ITAL 34800 - 17th and 18th Century Literature**

**Pluralism and Diversity**

PD/D

GER

3/A

Study of such authors as Tasso, Goldoni and Alfieri.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq: ITAL 34200**

3 hrs

3 cr.

**ITAL 34900 - The Modern Italian Lyric**

**Pluralism and Diversity**

PD/D

GER

3/A

From Leopardi to contemporaries.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq: ITAL 34200**

3 hrs

3 cr.

**ITAL 35000 - The Modern Italian Novel**

**Pluralism and Diversity**

PD/D

GER

3/A

Novel from Manzoni to present.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq: ITAL 34200**

3 hrs

3 cr.

**ITAL 35100 - The Modern Italian Theatre**

GER

3/A
Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
*prereq or coreq: ITAL 34200
3 hrs
3 cr.

**ITAL 36000 - The Middle Ages: Special Topics**

*GER*
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
*prereq or coreq: ITAL 34100
3 hrs
3 cr.

**ITAL 36100 - The Renaissance: Special Topics**

*GER*
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
*prereq or coreq: ITAL 34100
3 hrs
3 cr.

**ITAL 36200 - The 17th Century: Special Topics**

*GER*
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
*prereq or coreq: ITAL 34200
3 hrs
3 cr.

**ITAL 36300 - The 18th Century: Special Topics**

*GER*
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.
*prereq or coreq: ITAL 34200
3 hrs
3 cr.
ITAL 36400 - The 19th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 36500 - The 20th Century: Special Topics

GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200
3 hrs
3 cr.

ITAL 37000 - Italian Literature: Special Topics

GER
3/A

Topics to be offered may include individual authors, themes, genres, movements, or approaches.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100 or 34200 (depending on topic)
3 hrs
3 cr.

ITAL 37500 - Seminar in Italian Literary History

Strongly recommended for all Italian majors. Readings, discussion and reports.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 34100, 34200
3 hrs
3 cr.

ITAL 49500 - Independent Study in Italian Literature

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: perm dept. adviser
1-3 cr.
Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:

**ITAL 39900 - Second Language Acquisition**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: at least three courses at the 300 level in the language; ENGL 12000
3 hrs

**ITAL 49500 - Independent Study in Italian Literature**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq: perm dept. adviser
1-3 cr.

**Degree Map**

Degree Map for Italian Literature

**Minor in French Culture and Literature in Translation**

This course of study provides the opportunity to students with no knowledge of the French language to be introduced to French Culture & Literature. This minor offers an interesting complement or context to studies in other fields (such as history, philosophy, political theory or women's studies) that have benefited, historically, from French influences. The courses in this minor are to be chosen from a selection of 200-level courses, taught in English, such as:

- FREN 24100 - Early French Civilization: From Gothic to Revolution
- FREN 24200 - Modern French Civilization: From Revolution to Present
- FREN 25100 - French Literature and the Arts
- FREN 25200 - From Symbolism to Surrealism in French Literature
- FREN 25300 - Modern French Theatre: Theory and Practice
- FREN 25400 - Film and the French Novel
- FREN 25500 - New Approaches to Modern French Literature
- FREN 25600 - Dream and Image (W)
- FREN 25700 - Literary Cross-Currents
- FREN 25800 - French Poetry in Translation
- FREN 25900 - French Theatre in Translation
- FREN 26000 - French Novel in Translation (1600-1900)
- FREN 26100 - Modern French Novel in Translation (1900-Present)
- FREN 26200 - Perspectives on Women in French Literature

**Minor in French Language & Culture**

Courses Required for the Minor (15 credits)
Prerequisite

**FREN 20200 - Intermediate French II**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

*prereq: FREN 2000 or three yrs high school French*

3 hrs
3 cr.

3 language courses
to be chosen from:

**FREN 21100 - Intermediate Grammar and Composition**

Continued study of grammar and syntax, with focus on reading and writing. Intended for French majors and minors.

*prereq: FREN 202, 203, or placement by departmental adviser*

3 hrs
3 cr.

**FREN 22000 - Advanced French Conversation**

*prereq: FREN 20200 or four yrs high school French*

3 hrs
3 cr.

**FREN 31100 - Advanced French Grammar**

*prereq: FREN 20200*

3 hrs
3 cr.

**FREN 31200 - French Oral and Written Expression**

*prereq: FREN 20200 or equiv.*

3 hrs
3 cr.

2 Culture & Civilization courses
to be chosen from:

**FREN 33500 - French Culture I**
Pluralism and Diversity

Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.

prereq: FREN 20200 or four yrs high school French

3 hrs

3 cr.

FREN 33600 - French Culture II

Pluralism and Diversity

Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.

prereq: FREN 20200 or four years of high school French

3 hrs

3 cr.

FREN 33700 - Contemporary French Culture

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press.

prereq: FREN 31100 or 31200 or perm instr.

3 hrs

3 cr.

Minor in French Literature

Courses Required for the Minor (15 credits)

Prerequisite

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity

GER

3/A

prereq: FREN 20200 or four yrs high school French
Choose 3 courses from the following

**FREN 34300 - Medieval and Renaissance French Literature**

Pluralism and Diversity  
PD/D  
GER  
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as Sce, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.

3 hrs  
3 cr.

**FREN 34400 - 17th Century French Literature**

Pluralism and Diversity  
PD/D  
GER  
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruyère, Mme de Lafayette, La Fontaine, Malherbe, Molière, Pascal, Racine, Mme de Sévigny, Saint Simon.

*prereq: FREN 34100 and 34200*

3 hrs  
3 cr.

**FREN 34600 - 18th Century French Literature**

Pluralism and Diversity  
PD/D  
GER  
3/A

Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, Laclau, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.

*prereq: FREN 34100 and 34200*

3 hrs  
3 cr.

**FREN 34800 - 19th Century French Literature (1800-1850)**

Pluralism and Diversity  
PD/D  
GER  
3/A
Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.

FREN 34100 and 34200
3 hrs
3 cr.

FREN 34900 - 19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de Isle-Adam, Zola.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Koliès, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarrathe.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36100 - Middle Ages and the Renaissance: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

**FREN 36200 - The 17th Century: Special Topics**

Pluralism and Diversity
PD/D
GER
3/A

3 hrs
3 cr.

**FREN 36300 - The 18th Century: Special Topics**

Pluralism and Diversity
PD/D
GER
3/A

_prereq: FREN 34100 and 34200_
3 hrs
3 cr.

**FREN 36400 - The 19th Century: Special Topics**

Pluralism and Diversity
PD/D
GER
3/A

_prereq: FREN 34100 and 34200_
3 hrs
3 cr.

**FREN 36500 - The 20th Century: Special Topics**

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
_prereq: FREN 34100 and 34200_
3 hrs
3 cr.

**Minor in Italian**

Prerequisite for the minor

**ITAL 20200 - Intermediate Italian II**
Language lab mandatory.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 201 or three yrs high school Italian

3 hrs

3 cr.

The minor of 12 credits utilizes four existing courses, all taught in Italian

**ITAL 31100 - Advanced Italian Grammar**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200 or equiv.

3 hrs

3 cr.

**ITAL 31200 - Advanced Italian Composition**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 31100 or equiv.

3 hrs

3 cr.

**ITAL 32100 - Italian Translation**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 311 or equiv.

3 hrs

3 cr.

**ITAL 33100 - Italian Phonetics and Diction**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 202 or equiv.

3 hrs

3 cr.

**Minor in Spanish**

The following courses are required for a minor in Spanish:

Two language courses (6 credits)
above the SPAN 20200 (non-heritage speakers) or SPAN 20800 (heritage speakers) level, at least one of which must be a 300-level course. Recommended courses are:

**SPAN 21100 - Spanish Grammar and Composition**

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.

*prereq: SPAN 20200 or 20300*

3 hrs  
3 cr.

**SPAN 22100 - Spanish for Oral Communication**

Not for fluent Spanish speakers.

*prereq: SPAN 20200 or equiv. and perm adviser*

3 hrs  
3 cr.

**SPAN 27000 - Spanish Composition for Spanish Speaking Students**

*prereq: SPAN 20800 or perm adviser*

3 hrs  
3 cr.

**SPAN 31100 - The Structure of Modern Spanish**


*prereq: SPAN 21100 or permission of departmental adviser*

3 hrs  
3 cr.

**SPAN 31200 - Advanced Spanish Writing**

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.

*prereq: SPAN 31100 or equiv.*

3 hrs  
3 cr.

**One civilization course (3 credits)**

**SPAN 33500 - Spanish Civilization**

*Pluralism and Diversity  
PD/D  
GER  
3/A*

prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

Two literature courses (6 credits)

on Spanish or Latin American literature. Recommended courses include:

**SPAN 27500 - Readings in Modern Spanish Literature**

**Pluralism and Diversity**
PD/D
Representative writers: Unamuno, Lorca, Cela.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm
3 hrs
3 cr.

**SPAN 27600 - Readings in Modern Spanish-American Literature**

Representative writers: Borges, Neruda, Cortazar, Garcia Mirez.
prereq: SPAN 20200, 20300, 20800 21100 or four yrs high school Spanish or dept. perm.
3 hrs
3 cr.

Alternately, students may take 300-level Spanish and Latin American literature courses from the following list by special permission of adviser:

**SPAN 34300 - Spanish Literature of the Middle Ages**

**Pluralism and Diversity**
PD/D
GER
3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic *Poema de Mio Cid*, the beginning of the Christian cult of Virgin Mary (*Milagros de Nuestra Señora*), the origins of the short stories (*Libro de Conde Lucanor*), and the elegy will be studied. Special attention will be given to the position of women since the 12th Century, especially in *Libro de buen amor*.
prereq: SPAN 34100
3 hrs
3 cr.

**SPAN 34500 - Spanish Drama of the Golden Age**

**Pluralism and Diversity**
PD/D
GER
3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.
prereq: SPAN 34100
SPAN 34600 - Cervantes

Pluralism and Diversity
PD/D
GER
3/A

Don Quijote.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35000 - Spanish Poetry of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35300 - Spanish Neoclassicism and Romanticism

Pluralism and Diversity
PD/D
GER
3/A

Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3 cr.
SPAN 35500 - Spanish Literature from Realism to World War I

Pluralism and Diversity
PD/D
GER
3/A

From Realism and Naturalism through the Generation of 1898 and Modernism.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35700 - Early 20th Century Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35800 - Post-Civil War Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36000 - Spanish-American Literature of the Colonial Period

GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A
Representative works of 19th century Spanish-American literature.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36600 - Contemporary Latin American Poetry

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36700 - Latin American Essay

GER
3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-American history.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36800 - Contemporary Latin American Narrative
Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'Boom', novel of the dictator.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 37000 - Special Topics in Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

May be repeated with different topic.

prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr.

Note:

Students may use transfer credits and credits from the Hunter programs in Spain and Argentina up to a maximum of 6 credits. At least 9 credits of the minor must be completed in residence at Hunter.

Romance Languages - BA

Courses Required for the Major (36 credits)

Students who demonstrate proficiency may be exempted from required introductory language courses. This major is intended for students who want to specialize in two Romance languages.

• 34100 and 34200 in each of two chosen languages (12 cr)
• 9 credits in advanced literature in each of the two languages (18 cr)
• 3 credits in culture or translation in each of the two languages (6 cr)

Honors

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

Graduate Study

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.
Study Abroad

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements).

Qualified students can apply for financial aid and STOCS grants.

Degree Maps

- Degree Map for Romance Languages BA (Spanish and Italian)
- Degree Map for Romance Languages BA (Spanish and French)

Spanish - BA

The Spanish major provides two concentrations:

- Spanish Literature
- Spanish-English/English-Spanish Translation and Interpretation

Honors

Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisers. Departmental honors will be conferred upon a recommendation from the appropriate departmental committee. Candidates must present a paper of at least 7,000 typewritten words in the language of specialization. Consult the department for further information.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Graduate Study

Qualified seniors with a minimum GPA of 3.5 in their discipline may be admitted to graduate level courses. Permission must be secured from the chair and then forwarded to the dean. Consult the graduate catalog for requirements and regulations.

Study Abroad

All study abroad programs are open to students from Hunter College and other accredited institutions. Majors and minors in the Department of Romance Languages are strongly encouraged to participate in study abroad programs (see adviser for GPA requirements). Qualified students can apply for financial aid and STOCS grants. Spanish in Spain is offered during June, July, or both months at the Universidad Antonio de Nebrija in Madrid. Spanish in Argentina is offered during the winter break in Mar del Plata (Argentina) at the Universidad Nacional de Mar del Plata.
Spanish Literature

Courses Required for the Major (36-48 credits)

1. 100-level and 200-level courses

Students who demonstrate proficiency in Spanish through a placement exam or prior study may be exempted from some courses at the 100 and 200 level.

SPAN 10100 - Elementary Spanish I

Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish

3 hrs
3 cr.

SPAN 20100 - Intermediate Spanish I

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish

3 hrs
3 cr.

SPAN 20200 - Intermediate Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish

3 hrs
3 cr.

-or-

SPAN 10300 - Intensive Elementary Spanish

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
Spanish for English speakers.
6 hrs
6 cr.
SPAN 20300 - Intensive Intermediate Spanish

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200
6 hrs
6 cr.

-or-

SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish

Spanish for native speakers.
3 hrs
3 cr.

SPAN 10600 - Oral and Written Skills for Native Speakers of Spanish

Spanish for native speakers.
prereq: SPAN 10500 or 20500 or perm dept.
3 hrs
3 cr.

SPAN 20700 - Intermediate Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 10600, 20600 or perm dept.
3 hrs
3 cr.

SPAN 20800 - Advanced Spanish for Native Speakers

Spanish for native speakers.
prereq: SPAN 20700 or perm dept.
3 hrs
3 cr.

and

SPAN 21100 - Spanish Grammar and Composition

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr.

-or-

SPAN 27000 - Spanish Composition for Spanish Speaking Students
prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.

2. Spanish Literature Courses (12 cr.)

SPAN 31100 - The Structure of Modern Spanish

prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr.

SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr.

3. Literature before the 19th century (6 cr.)

Choose from the list of courses below.
SPAN 34300 - Spanish Literature of the Middle Ages

Pluralism and Diversity
PD/D
GER
3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic *Poema de mio Cid*, the beginning of the Christian cult of Virgin Mary (*Milagros de Nuestra Señora*), the origins of the short stories (*Libro de Conde Lucanor*), and the elegy will be studied. Special attention will be given to the position of women since the 12th Century, especially in *Libro de buen amor*.

*prereq: SPAN 34100
3 hrs
3 cr.*

SPAN 34500 - Spanish Drama of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.

*prereq: SPAN 34100
3 hrs
3 cr.*

SPAN 34600 - Cervantes

Pluralism and Diversity
PD/D
GER
3/A

Don Quijote.

*prereq: SPAN 34100
3 hrs
3 cr.*

SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.

*prereq: SPAN 34100
3 hrs
3 cr.*
SPAN 35000 - Spanish Poetry of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35300 - Spanish Neoclassicism and Romanticism

Pluralism and Diversity
PD/D
GER
3/A

Representative works of Neoclassical and Romantic periods, including costumbrismo.

prereq: SPAN 34100
3 hrs
3 cr.

4. Latin American literature (9 cr.)

Choose from the list of courses below. At least 3 credits from this category must be in contemporary literature.

SPAN 36000 - Spanish-American Literature of the Colonial Period

GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36400 - Spanish-American Modernism and Post-modernism
Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr.

**SPAN 36500 - Survey of Spanish-American Teatro**

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr.

**SPAN 36600 - Contemporary Latin American Poetry**

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr.

**SPAN 36700 - Latin American Essay**

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-American history.
prereq: SPAN 34100
3 hrs
3 cr.

**SPAN 36800 - Contemporary Latin American Narrative**

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'Boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr.
SPAN 37100 - Special Topics in Spanish- American Literature

GER
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr.

5. One course chosen from the following (3 cr.)

SPAN 33500 - Spanish Civilization

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

6. Two additional required courses chosen from the following (6 cr.)

Students may choose the remaining 6 credits in any course in literature from Spain or Latin America numbered above 34200. Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:

SPAN 39900 - Second Language Acquisition

prereq: at least three courses at the 300- level in the language; ENGL 12000
3 hrs
3 cr.

SPAN 49500 - Independent Study in Hispanic Literature

Pluralism and Diversity
PD/D
prereq: perm dept.
1-3 cr.

SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.
prereq or coreq: SEDF 20300, 20400
Degree Map

Degree Map for Spanish Literature BA

**Spanish-English/English-Spanish Translation and Interpretation**

This program prepares students for careers in the growing translation field. Students take courses in Spanish language, literature and civilization in conjunction with specialized courses in translation/interpretation theory and practice. Allied courses in English and related fields of study are required and must be approved by the program adviser. Sufficient flexibility is built into the program so that students may tailor certain requirements to fit their individual needs and interests. An intensive internship in translation and/or interpretation serves as the student's capstone experience and preparation for future professional settings. Please see the department of Romance Languages for more details regarding this new and innovative program of study.

**Courses Required for the Major (51-63 credits)**

1. 100-level and 200-level courses

   Students who demonstrate proficiency in Spanish through a placement exam may be exempted from some courses.

   **SPAN 10100 - Elementary Spanish I**

   Language lab mandatory.
   Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.
   
   3 hrs
   3 cr.

   **SPAN 10200 - Elementary Spanish II**

   Language lab mandatory.
   Spanish for English speakers.
   **prereq:** SPAN 10100 or one yr high school Spanish
   
   3 hrs
   3 cr.

   **SPAN 20100 - Intermediate Spanish I**

   Language lab mandatory.
   Spanish for English speakers.
   **prereq:** SPAN 10200 or two yrs high school Spanish
SPAN 20200 - Intermediate Spanish II

Language lab mandatory.  
Spanish for English speakers.  
prereq: SPAN 20100 or three yrs high school Spanish  
3 hrs  
3 cr.

-or-

SPAN 10300 - Intensive Elementary Spanish

Equivalent to material covered in 10100 and 10200. Language lab mandatory.  
Spanish for English speakers.  
6 hrs  
6 cr.

SPAN 20300 - Intensive Intermediate Spanish

Language lab mandatory.  
Spanish for English speakers.  
prereq: SPAN 10200, two yrs high school Spanish or equiv. to material covered in 10100 and 10200  
6 hrs  
6 cr.

-or-

SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish

Spanish for native speakers.  
3 hrs  
3 cr.

SPAN 10600 - Oral and Written Skills for Native Speakers of Spanish

Spanish for native speakers.  
prereq: SPAN 10500 or 20500 or perm dept.  
3 hrs  
3 cr.

SPAN 20700 - Intermediate Spanish for Native Speakers

Spanish for native speakers.  
prereq: SPAN 10600, 20600 or perm dept.  
3 hrs  
3 cr.

SPAN 20800 - Advanced Spanish for Native Speakers
Spanish for native speakers.
*prereq: SPAN 20700 or perm dept.*
3 hrs
3 cr.

and

**SPAN 21100 - Spanish Grammar and Composition**

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
*prereq: SPAN 20200 or 20300*
3 hrs
3 cr.

-or-

**SPAN 27000 - Spanish Composition for Spanish Speaking Students**

*prereq: SPAN 20800 or perm adviser*
3 hrs
3 cr.

2. Linguistic Structures and Advanced Writing (9 cr.)

**SPAN 31100 - The Structure of Modern Spanish**

*prereq: SPAN 21100 or permission of departmental adviser*
3 hrs
3 cr.

**SPAN 31200 - Advanced Spanish Writing**

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
*prereq: SPAN 31100 or equiv.*
3 hrs
3 cr.

**SPAN 31300 - Spanish Stylistics**

Practice in Spanish writing through stylistic analysis of poetic and narrative structures and the relationship of text and context.
*prereq: ENGL 12000; SPAN 31100, 31200, 34100, 34200*
3 hrs
3 cr.

3. Lexical and Cultural Enrichment (12 cr.)
SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
preq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A

preq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr.

Two courses in contemporary Spanish or Spanish-American theatre, narrative or essay above SPAN 34200, or from any of the following:

SPAN 35300 - Spanish Neoclassicism and Romanticism

Pluralism and Diversity
PD/D
GER
3/A

Representative works of Neoclassical and Romantic periods, including costumbrismo.
preq: SPAN 34100
3 hrs
3 cr.

SPAN 35500 - Spanish Literature from Realism to World War I

Pluralism and Diversity
PD/D
GER
3/A

From Realism and Naturalism through the Generation of 1898 and Modernism.
preq: SPAN 34100
3 hrs
3 cr.

SPAN 35700 - Early 20th Century Spanish Literature
Pluralism and Diversity
PD/D
GER
3/A

Presentation of the major writers and works of the first 40 years of 20th century Spanish literature.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35800 - Post-Civil War Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural and political context.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish- American literature.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36600 - Contemporary Latin American Poetry

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo and popular poetry.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36700 - Latin American Essay

GER
3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-American history.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36800 - Contemporary Latin American Narrative

GER
3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'Boom', novel of the dictator.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 37000 - Special Topics in Spanish Literature

Pluralism and Diversity
PD/D
GER
3/A

May be repeated with different topic.

prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr.

SPAN 37100 - Special Topics in Spanish-American Literature
May be repeated with different topic.

**SPAN 37400 - Contemporary Literature and Film**

**GER**

3/A

Conducted in Spanish. Analysis of contemporary novels from Latin America and Spain and the films based upon them

*prereq: SPAN 34100 or instructor permission*

3 hrs

3 cr.

or from Africana and Puerto Rican Studies (taught in Spanish)

-or-

One of the above plus one course in Spanish or Spanish-American culture

**SPAN 33500 - Spanish Civilization**

**Pluralism and Diversity**

PD/D

**GER**

3/A


*prereq: SPAN 20800, 21100 or dept. perm*

3 hrs

3 cr.

**SPAN 33600 - Latin American Civilization**

**GER**

3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.

*prereq: SPAN 20800, 21100 or dept. perm*

3 hrs

3 cr.

4. Translation and Interpretation (15 cr.)

**SPAN 38000 - Introduction to Translation and Interpretation Studies**
Provides an introduction to basic concepts and techniques of translation and interpretation and develops a systematic approach to resolving language transference problems.

prereq: SPAN 31100 and 31200
3 hrs
3 cr.

Two courses from:

**SPAN 38100 - Translation from Spanish into English**

Develops proficiency in translating from Spanish into English. The student will work with a variety of general Spanish texts and develop skills for analyzing and rendering them accurately into English. In addition, s/he will examine the best ways to handle idiomatic expressions, tenses and other complex grammatical structures. S/he will become familiar with the relevant terminology and theoretical issues, as well as learn how to select and evaluate dictionaries and other research materials.

prereq: SPAN 38000
3 hrs
3 cr.

**SPAN 38200 - Consecutive Interpretation Spanish-English/English-Spanish**

An overview of the principles of consecutive interpretation.

prereq: SPAN 38000
3 hrs
3 cr.

**SPAN 38300 - Translation from English into Spanish**

Reinforces the basic principles of translation taught in SPAN 3800 with more advanced texts, and adds a special emphasis on style and the specific demands of certain categories of texts, as well as theoretical discussion regarding choices in translation.

prereq: SPAN 38000
3 hrs
3 cr.

**SPAN 38400 - Simultaneous Interpretation Spanish-English**

Designed so that students may begin working directly on the skills, protocol and practice of simultaneous interpretation, analyze in detail its processes, and review the settings in which it is used.

prereq: SPAN 38000
3 hrs
3 cr.

one or more courses from SPAN 39000: (topics vary. See Schedule of classes for offerings)

**SPAN 39000 - Translation and Interpretation for the Professions**
This series of courses will focus each semester on a different professional area, such as legal, medical, business, technical-scientific, social, and literary translation.

prereq: varies by course
3 hrs
3 cr.

One or more courses from:

**SPAN 39100 - Internship in Translation**

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship. It consists of 70 hours of practical work in translation for a financial institution, law firm, translation agency, the United Nations, or other organization. In addition, the student must attend regularly scheduled meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional translation.

prereq: SPAN 38100 – 38400, 39000
3 hrs
3 cr.

**SPAN 39200 - Internship in Interpretation**

Students who have completed the 39000 sequence of courses and have maintained an average of B+ or better are encouraged to take advantage of this internship to train them in real-world interpreting skills in the context of court interpreting, parliamentary procedure, diplomatic etiquette, conference organization, etc. This internship consists of 70 hours of practical work in interpretation as well as frequent meetings with the professor supervising the internship in order to discuss issues and problems in the real world of professional interpretation.

prereq: SPAN 38100 – 38400, 39000
3 hrs
3 cr.

**Additional Course Requirements (12 credits)**

1. At least two courses from among the following (6 cr.)

**ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods**

Additional practice in expository writing; small classes (8-10).

prereq: ENGL 12000
3 hrs
3 cr.

**ENGL 21800 - Advanced Expository Writing**

Frequent writing practice, with emphasis on clarity, style and organization.

prereq: ENGL 12000
3 hrs + conf
3 cr.
ENGL 30100 - Composition Theory and Practice

GER 3/A

Study of the theory and practice of academic composition.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30800 - Workshop in Non-Fiction I

GER 3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.

prereq: ENGL 30000
3 hrs
3 cr.

ENGL 30900 - Workshop in Non-Fiction II

GER 3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.

This course may be repeated once for credit.

prereq: ENGL 30000 and 30800
3 hrs
3 cr.

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs
3 cr.

2. Choose either Option A -or- Option B

Option A: Two courses in contemporary US literature written in English from the following courses (6 cr.)
ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37700 - 20th and 21st Century American Fiction

GER
3/A

Study of representative fiction in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37900 - 20th and 21st Century American Drama

GER
3/A

Study of representative drama in its cultural, social, and historical contexts.
prereq: ENGL 22000
3 hrs
3 cr.

AFPRL 35600 - Latino Literature in English (W)

Pluralism and Diversity
PD/B
Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).

3 hrs
3 cr.

Option B: One course from Option A above and one of the following courses (6 cr.)

**ANTHC 15100 - Introduction to Linguistics**

*Hunter Core*
World Cultures and Global Issues (WCGI)

**GER**
2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

3 hrs
3 cr.

**ANTHC 35100 - Language in Culture and Society**

**GER**
3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.

3 hrs
3 cr.

**ANTHC 35300 - Phonological Analysis and Theory**

**GER**
3/B

Phonetics of diverse languages, their phonemic analysis at different levels of theory, including distinctive feature analysis and phonological links to grammar.

*prereq: ANTHC 15100 or equiv.*

3 hrs
3 cr.

**ANTHC 35400 - Grammatical Analysis and Theory**

**GER**
3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to
universals, semantics, pragmatics, discourse.

prereq: ANTHC 15100 or equiv.
3 hrs
3 cr.

**AFPRL 18100 - Language and Ethnic Identity**

**Hunter Core**
Individual and Society (Social Sciences) -I&S SS

**ENGL 33200 - History of the English Language (W)**

The diversity and spread of English across the globe. The effects of language contact on English.

prereq: ENGL 22000
3 hrs
3 cr.

**MEDPL 20100 - Reporting and Writing I (W)**

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

prereq or coreq: MEDIA 18000
3 hrs
3 cr.

**MEDPL 20200 - Reporting and Writing 2(W)**

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.

prereq: MEDPL 20100
3 hrs
3 cr.

**THEA 16100 - Acting I: Basic Acting Techniques**

For intended majors and non-majors. Exploration of the fundamentals of acting technique through exercises and improvisation.

coreq: 
3 hrs
3 cr.

**THEA 26100 - Acting II: American Realism**

**GER**
3/A

Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism.

prereq: THEA 16100 or perm instr.
4 hrs
3 cr.

THEA 26200 - Acting III: World Realism

GER
3/A

Continuation of scene study focusing on text analysis, personalization, objective and action using the world realistic repertory, such as the plays of Chekhov, Ibsen and Strindberg. It is recommended that this course be taken with THEA 26300.

prereq: THEA 26100
4 hrs
3 cr.

*These courses may be counted for credit in more than one program.

Degree Map for Spanish Translation and Interpretation

• Degree Map for Spanish Translation and Interpretation

Sociology

Overview

Sociology is a multi-faceted discipline represented at Hunter College by a range of scholars who use diverse methods from field research to quantitative analysis and theoretical inquiry. Precisely because sociology is a broad-based discipline that encompasses theory, methods of observation, and research, sociology is both practically useful in analyzing contemporary issues and academically fascinating. The study of sociology also meets four important goals of Hunter College overall: acquisition of conceptual and analytic skills, development of intellectual and personal growth, widening students' outlook by understanding U.S. as well as global culture and values, and generating new knowledge to address local and international needs and issues. A major in sociology provides the undergraduate with the opportunity to gain a distinct intellectual perspective and a method of inquiry. By continually testing conventional wisdom against evidence, the study of sociology encourages the development of critical judgment. By routinely considering the matrix of social and cultural facts, such study can lead students to an understanding of the conditions under which social facts emerge, and the consequences they have for individuals, groups, societies and social institutions. It can also help students better understand their own roles in the array of social institutions in which they are entwined.

What can I do with my degree in Sociology?

Our courses provide a foundation for the student who desires to pursue advanced graduate studies in sociology leading to teaching positions. The department offers a wide range of specialties offering students flexibility in their choice of PhD programs. A major in sociology also helps to prepare students for many careers: social research, marketing, media, and other fields in the private sectors, as well as law, civil service and public policy, social work, the health professions, personnel work and other human-service areas. Majors are encouraged to develop skills in observation, interviewing, and other data-collection techniques; data processing; statistical and content analysis; and trend analysis — all marketable skills in many career lines.
Programs and Courses

Programs and Courses in Sociology

Administration and Faculty

Chair:

Erica Chito-Childs
1622A West
(212) 772-5635
echitoch@hunter.cuny.edu

Department Office:

1622 West
(212) 772-5585
fax: (212) 772-5645
http://www.hunter.cuny.edu/sociology
Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM

Advising Office:

Mark Halling and Calvin Smiley
1622A Hunter West
(212) 772-5576
Fax: (212) 772-5645
E-mail: socadvis@hunter.cuny.edu

Honors

In order to graduate with departmental honors in sociology, students must have a 3.0 GPA overall and a 3.5 GPA in sociology; at least 21 of the credits toward the major should have been courses taken at Hunter College.

Students must complete either an Honors Seminar

- SOC 47300 - Honors Seminar

or an Honors Independent Study

- SOC 47100/SOC 47200 - Honors/Independent Study

or

- SOC 42500 - Seminar in Selected Problems of Sociology

Additional Information

Students whose GPAs are within this range are urged to consult their adviser before planning senior year programs of study, since honors seminars are generally offered only once per year, usually in the fall semester. In addition, students qualifying for departmental honors are eligible for membership in Alpha Kappa Delta, the International Sociology Honor Society. See adviser for more information.
Internships

Provided students secure approval of a full-time faculty member, internships can be carried out for 3 to 6 credits in the areas of marketing, media, and politics, with other areas provided faculty supervision can be secured. Interested students must meet the requirements listed under the SOC 49800 entry.

Faculty

Sociology Faculty

HEGIS Code: 2208

Degree Map for Sociology

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Sociology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

SOC 10100 - Introduction to Sociology

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global
and comparative perspectives.

3 hrs
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Life and Physical Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- Creative Expression
- Foreign Language Elementary Level 2
- Individual & Society/ Humanities
- Scientific World

Sophomore Year

Fall

- World Cultures & Global Issues
- US Experience in its Diversity
- Foreign Language Intermediate Level 3
- SOC 200 Level Elective
- Elective

Spring

SOC 24100 - Social Statistics

GER
3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.

prereq: SOC 10100
3 hrs
3 cr.
• Foreign Language Intermediate Level 4
• Elective
• Elective
• Elective

Junior Year

Fall

SOC 22400 - Sociological Theory (W)

This course represents an advanced undergraduate introduction to the central figures and issues in 19th and 20th century sociological theory. The course is writing intensive, and will involve drafting, revising, and submitting three written essays.

3 hrs
3 cr.

SOC 24000 - Introduction to Research Methods

GER
3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.

prereq: SOC 10100
3 hrs
3 cr.
• Elective
• Elective
• Elective

Spring

• SOC 200 or 300 Level Elective
• Elective
• Elective
• Elective

Senior Year

Fall

• SOC 47000 Sociology Capstone
• SOC 200, 300 or 400 Level Elective
• Elective
• Elective
• Elective

Spring

• SOC 200, 300 or 400 Level Elective
• Elective
• Elective
• Elective
• Elective
• Elective

Notes:

The major requires 15 elective credits at least 6 of which must be in courses at the 300 level or above. No more than 3 credits from the following may be used to satisfy this requirement.

• SOC 33100 Field Placement in Social Work Agencies
• SOC 33200 Advanced Field Placement in Social Work Agencies
• SOC 37101 Independent Study
• SOC 37200 Independent Study
• SOC 47100 Honors/Independent Study
• SOC 47200 Honors/Independent Study
• SOC 49800 Internship

Students may design their own areas of concentration but they are not required to do so.

Minor in Sociology

The minor in Sociology requires four courses with 12 credits which students have to pass with a GPA of at least 2.0. Students minoring in Sociology must take SOC 10100 - Introduction to Sociology, the prerequisite for all other sociology courses, SOC 22400 Sociological Theory (W) and two additional courses selected from those offered on a regular basis. It is recommended but not required that one sociology course on the 300 or higher level be included.

Sociology - BA

Sociology is a fascinating field that can help you understand the people, groups, organizations, and institutions that make up the social world. A major in sociology provides undergraduates with sociological training, which is an excellent basis for careers in social work, social research, business, law, and public administration. By continually testing conventional wisdom against empirical evidence, the study of sociology leads students to an understanding of the conditions under which social facts emerge, and the consequences they have for individuals, groups, societies, and social institutions. Majors are encouraged to develop skills in observation, interviewing, and other data collection techniques, data processing, statistical and content analysis, and forecasting the future -- all marketable skills in many career lines.

Hunter Core Requirement

One course within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that
count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Sociology major, the course that meets CCC is:

**SOC 10100 - Introduction to Sociology**

**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

**GER**

2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs

3 cr.

*Please note that no more than two courses from any one department will count for the CUNY Common Core.*

**Courses Required for the Major (30 credits)**

The department recommends a GPA of at least 2.3 when declaring the major.

1. **Required Courses (9 cr.)**

**SOC 10100 - Introduction to Sociology**

**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

**GER**

2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs

3 cr.

**SOC 24000 - Introduction to Research Methods**

**GER**

3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.

*prereq: SOC 10100*

3 hrs

3 cr.

**SOC 24100 - Social Statistics**

**GER**

3/B
Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.

prereq: SOC 10100

3 hrs
3 cr.

2. Sociological Theory (3 cr.)

SOC 22400 - Sociological Theory (W)

This course represents an advanced undergraduate introduction to the central figures and issues in 19th and 20th century sociological theory. The course is writing intensive, and will involve drafting, revising, and submitting three written essays.

3 hrs
3 cr.

3. Capstone (3 cr.)

SOC 47000 - Sociology Capstone

SOC 47000 provides a capstone experience in Sociology. Students will build on the skills they learned in theory, methods, and elective courses with a final culminating project in which they will develop a research question, gather data or evidence to answer that question, and produce a final paper based on this research. Topics may vary.

prereq: SOC 24000, SOC 24100, SOC 22400

3 hrs
3 cr.

4. Electives (15 cr.)

Of the remaining 15 credits, at least 6 must be in courses at the 300 level or above. No more than 3 credits from the following may be used to satisfy this requirement.

SOC 33100 - Field Placement in Social Work Agencies

GER
3/B

Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper.

prereq: SOC 10100, perm instr.

8 hrs per week
3 cr.

SOC 33200 - Advanced Field Placement in Social Work Agencies

GER
3/B

Supervised work in social service agency, weekly seminar, agency-based research project.
prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.
8 hrs per week
3 cr.

SOC 37101 - Independent Study

GER
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
1 hr
1 cr

SOC 37200 - Independent Study

GER
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 cr. each sem

SOC 47100 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

SOC 47200 - Honors/Independent Study

GER
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

SOC 49800 - Internship

GER
3/B

Open to advanced majors only. Placement of qualified sociology majors off campus in professional nonsocial service internship settings. Credits are based on analytic internship report, number of hours worked and by written evaluation by agency/company intern supervisor.
prereq: SOC 22100 or 22300 and SOC 24000; major; perm supervising full-time faculty
hrs TBA
3-6 cr.

**Independent Study**

These options allow students to initiate and carry out a course of study of their own choosing under the guidance of a full-time faculty sponsor. Students must have a written proposal and a general plan of study to submit to the potential faculty mentor.

Students may pursue independent study through

**SOC 37101 - Independent Study**

**GER**
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
1 hr
1 cr

**SOC 37200 - Independent Study**

**GER**
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.
prereq: SOC 10100, perm instr.
3 cr. each sem
- or -

**SOC 47100 - Honors/Independent Study**

**GER**
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem

**SOC 47200 - Honors/Independent Study**

**GER**
3/B

Advanced independent research project under direction of full-time member of department.
prereq: SOC 10100, perm instr.
3 cr. each sem
Honors

In order to graduate with departmental honors in sociology, students must have a 3.0 GPA overall and a 3.5 GPA in sociology; at least 21 of the credits toward the major should have been courses taken at Hunter College.

Students must complete either an Honors Seminar

**SOC 47300 - Honors Seminar**

**GER**

3/B

Honors paper.

*prereq: SOC 10100, perm instr.*

3 cr. each sem

or an Honors Independent Study

**SOC 47100 - Honors/Independent Study**

**GER**

3/B

Advanced independent research project under direction of full-time member of department.

*prereq: SOC 10100, perm instr.*

3 cr. each sem

**SOC 47200 - Honors/Independent Study**

**GER**

3/B

Advanced independent research project under direction of full-time member of department.

*prereq: SOC 10100, perm instr.*

3 cr. each sem

or a graduate course

**SOC 42500 - Seminar in Selected Problems of Sociology**

**GER**

3/B

Advanced seminar: reading, discussion, and papers on significant problems in sociology and in applied social research; in most cases cross-listed with graduate social research course or seminar.

*prereq: SOC 10100, perm instr.*

3 hrs

3 cr
Additional Information

Students whose GPAs are within this range are urged to consult their adviser before planning senior year programs of study, since honors seminars are generally offered only once per year, usually in the fall semester. In addition, students qualifying for departmental honors are eligible for membership in Alpha Kappa Delta, the International Sociology Honor Society. See adviser for more information.

Internships

Provided students secure approval of a full-time faculty member, internships can be carried out for 3 credits with faculty supervision. Interested students must meet the requirements listed under the SOC 49800 entry.

Graduate Courses

Qualified undergraduates seeking more advanced or specialized work may, with the permission of the instructor, be permitted to take graduate courses. Consult the graduate catalog for course listings.

Degree Map

Degree Map for Sociology

Sociology Undergraduate Curriculum

Hunter Core Requirement

One course within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Sociology major, the course that meets CCC is:

**SOC 10100 - Introduction to Sociology**

**Hunter Core**

Individual and Society (Social Sciences) -I&S SS

GER

2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs

3 cr.

1. Required Courses (9 cr.)

**SOC 10100 - Introduction to Sociology**
Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B

Development of sociological imagination through introduction and application of basic concepts incorporating global and comparative perspectives.

3 hrs
3 cr.

SOC 24000 - Introduction to Research Methods

GER
3/B

Discussion of various research techniques and strategies including the survey method, field research, experiments, and content analysis. Firsthand involvement in the collection of quantitative data.

prereq: SOC 10100
3 hrs
3 cr.

SOC 24100 - Social Statistics

GER
3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.

prereq: SOC 10100
3 hrs
3 cr.

2. Sociological Theory (6 cr.)

SOC 22400 - Sociological Theory (W)

This course represents an advanced undergraduate introduction to the central figures and issues in 19th and 20th century sociological theory. The course is writing intensive, and will involve drafting, revising, and submitting three written essays.

3 hrs
3 cr.

SOC 47000 - Sociology Capstone

SOC 47000 provides a capstone experience in Sociology. Students will build on the skills they learned in theory, methods, and elective courses with a final culminating project in which they will develop a research question, gather data or evidence to answer that question, and produce a final paper based on this research. Topics may vary.

prereq: SOC 24000, SOC 24100, SOC 22400
3 hrs
3 cr.
3. Electives (15 cr.)

Of the remaining 15 credits, at least 6 must be in courses at the 300 level or above. No more than 3 credits from the following may be used to satisfy this requirement

**SOC 33100 - Field Placement in Social Work Agencies**

**GER**
3/B

Supervised work in social service agency, weekly seminar, preparation of weekly assignments and term paper.

*prereq: SOC 10100, perm instr.*

8 hrs per week

3 cr.

**SOC 33200 - Advanced Field Placement in Social Work Agencies**

**GER**
3/B

Supervised work in social service agency, weekly seminar, agency-based research project.

*prereq: SOC 10100, SOC 33100 or documented equiv. experience in social work agency, perm instr.*

8 hrs per week

3 cr.

**SOC 37101 - Independent Study**

**GER**
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.

*prereq: SOC 10100, perm instr.*

1 hr

1 cr

**SOC 37200 - Independent Study**

**GER**
3/B

Completion of reading list and written assignment as proposed by student in consultation with full-time faculty sponsor.

*prereq: SOC 10100, perm instr.*

3 cr. each sem

**SOC 47100 - Honors/Independent Study**

**GER**
3/B
Advanced independent research project under direction of full-time member of department.  
*prereq: SOC 10100, perm instr.*  
3 cr. each sem

**SOC 47200 - Honors/Independent Study**

**GER**  
3/B

Advanced independent research project under direction of full-time member of department.  
*prereq: SOC 10100, perm instr.*  
3 cr. each sem

**SOC 49800 - Internship**

**GER**  
3/B

Open to advanced majors only. Placement of qualified sociology majors off campus in professional nonsocial service internship settings. Credits are based on analytic internship report, number of hours worked and by written evaluation by agency/company intern supervisor.  
*prereq: SOC 22100 or 22300 and SOC 24000; major; perm supervising full-time faculty*  
hrs TBA  
3-6 cr.

**Sociology/Social Research - Accelerated BA/MS**

For a limited number of qualified undergraduate students, the sociology department offers an accelerated five-year program leading to a BA in sociology and an MS in social research. The program requires a total of 145 credits of college work (100 undergraduate, 45 graduate). To get the maximum financial benefit from the BA/MS program, students should apply before the number of cumulative credits taken (including those being taken currently) exceeds 100 credits. All credits above 120 will be charged at the graduate tuition rates. The BA/MS program is a full-time program requiring 12 graduate credits per term. In order to be admitted to the program, students must complete their basic requirements, including their major, pass an honors course or its equivalent (cross listed graduate course, honors independent study), have an overall GPA of 3.25 and meet other requirements of the MS program as outlined in the graduate catalog except for the GRE examination. BA/MS applicants should have no more than 100 credits completed before entering the program and can apply for fall or spring admission. After consulting with the undergraduate adviser to establish eligibility, students may apply to the Graduate Director. Applications require a cover letter/personal statement and include a copy of one's current transcript and two letters of recommendation. Students are admitted to the BA/MS program at the end of their junior year but must consult with the undergraduate adviser before they file the application.

**Curriculum**

- Sociology Undergraduate Curriculum
- Social Research Graduate Curriculum

**Theatre**
Overview

The Department of Theatre offers students the opportunity to study all aspects of the art form: the making, history, and theory of theatre and drama. Theatre courses include acting, playwriting, directing, design, history, theory, puppetry, interdisciplinary performance and more. The curriculum was developed with an emphasis on professional standards within a liberal arts context. Majors are involved in practical, hands-on production work.

What can I do with my degree in Theatre?

Many students who graduate from the program work as actors, directors, stage managers, technicians, designers and producers. Some of our students continue their creative study in conservatory or MFA programs. Others continue their study in history and theory as MA or PhD students. Graduates who concentrate in developmental drama frequently enter the field as teachers and directors of theatre in education.

Programs and Courses

Programs and Courses in Theatre

Administration and Faculty

Chair:
Gregory Mosher
Baker Theatre Building - 5th floor
(212)-772-5149
gm1125@hunter.cuny.edu

Department Office:
Baker Theatre Building - 5th floor
(212) 772-5148
Web site: http://www.hunter.cuny.edu/theatre

Undergraduate Advisor:
Professor Louisa Thompson Pregerson
Baker Theatre Building Room 660
(718)-812-7287
lthomp@hunter.cuny.edu

Faculty

Theatre Faculty

HEGIS Code: 1007
Degree Map for Theatre

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Theatre major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

THEA 10100 - Introduction to Theatre

Hunter Core
Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.

3 hrs

3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**prereq:** ENGL 12000

3 hrs + one additional conference hour

3 cr.

- Individual and Society/ Social Sciences
- Foreign Language Elementary Level 2
- Individual & Society/ Humanities
- Life & Physical Sciences

**Sophomore Year**

**Fall**

**THEA 21100 - World Theatre I (W)**

**Hunter Core**
Creative Expression (CE)
**Pluralism and Diversity**
PD/D
**GER**
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.

**prereq:** ENGL 12000, THEA 10100

3 hrs

3 cr.

- US Experience in its Diversity
- Foreign Language Intermediate Level 3
- Elective
- World Cultures & Global Issues

**Spring**

**THEA 21200 - World Theatre II (W)**

**Hunter Core**
Creative Expression (CE)
**Pluralism and Diversity**
PD/D
**GER**
2/C

Survey of international theatre from the Elizabethan period to Wagner.

**prereq:** ENGL 12000, THEA 10100

3 hrs

3 cr.
THEA 16100 - Acting I: Basic Acting Techniques

For intended majors and non-majors. Exploration of the fundamentals of acting technique through exercises and improvisation.

*coreq:*

3 hrs
3 cr.

- Foreign Language Level 4
- Elective
- Elective

Junior Year

Fall

THEA 21300 - World Theatre III (W)

**Hunter Core**
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.

*prereq: ENGL 12000, THEA 10100*

3 hrs
3 cr.

THEA 25100 - Theatre Production

Introduction to the theory and practice of theatrical production. Includes required practical work on departmental productions

*prereq: THEA 10100 or perm instr.*

5 hrs
3 cr.

THEA 26100 - Acting II: American Realism

**GER**
3/A

Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism.

*prereq: THEA 16100 or perm instr.*

4 hrs
3 cr.

- Hunter Focus
- Elective
Spring

**THEA 32100 - Play Analysis (W)**

Pluralism and Diversity
PD/D
GER
3/A

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.

*prereq: THEA 21100 or 21200 or 21300*

3 hrs
3 cr.

- THEA 28300 - Stagecraft or THEA 28500 - Design Concepts for Theatre, Film, and Television
- Elective
- Elective
- Elective

Senior Year

Fall

- THEA 38100 - Scene Design I -or- THEA 38300 - Costume Design I -or- THEA 38400 - Stage Lighting Design
- THEA 300 Level Elective
- Elective
- Elective
- Elective

Spring

- THEA 300 Level Elective
- Elective
- Elective
- Elective
- Elective

**Minor in Theatre**

A Minor in Theatre requires a minimum of 12 credits in the Department of Theatre at the 200-level or higher of which at least 3 credits must be at the 300-level (these are usually at least 3 credits). Minors are required to take all necessary prerequisites for these courses. Minors have access to all courses offered by the Department of Theatre. Minors are encouraged to participate in departmental and student productions. Interested students must meet with the undergraduate advisor in the Department of Theatre to declare a minor and to define their course of study.

**Theatre - BA**
Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement. In the case of the Theatre major, the courses that meet CCC are:

THEA 10100 - Introduction to Theatre

Hunter Core
Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.
3 hrs
3 cr.

THEA 21100 - World Theatre I (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21300 - World Theatre III (W)
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

Courses Required for the Major (30 credits)

THEA 10100 - Introduction to Theatre

Hunter Core
Creative Expression (CE)
GER
2/D

Study of elements of theatre arts acting, directing, playwriting, design from standpoints of both viewer and participant.
3 hrs
3 cr.

THEA 16100 - Acting I: Basic Acting Techniques

For intended majors and non-majors. Exploration of the fundamentals of acting technique through exercises and improvisation.
coreq: .
3 hrs
3 cr.

THEA 21100 - World Theatre I (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.
prereq: ENGL 12000, THEA 10100
3 hrs
3 cr.

THEA 21200 - World Theatre II (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from the Elizabethan period to Wagner.
*prereq:* ENGL 12000, THEA 10100
3 hrs
3 cr.

**THEA 21300 - World Theatre III (W)**

Hunter Core
Creative Expression (CE)

Pluralism and Diversity
PD/D
GER
2/C

Survey of international theatre from 19th-century Naturalism to the present day.
*prereq:* ENGL 12000, THEA 10100
3 hrs
3 cr.

**THEA 25100 - Theatre Production**

Introduction to the theory and practice of theatrical production. Includes required practical work on departmental productions
*prereq:* THEA 10100 or perm instr.
5 hrs
3 cr.

**THEA 26100 - Acting II: American Realism**

GER
3/A

Fundamentals of scene study focusing on text analysis, personalization, objective and action using American realism.
*prereq:* THEA 16100 or perm instr.
4 hrs
3 cr.

**THEA 32100 - Play Analysis (W)**

Pluralism and Diversity
PD/D
GER
3/A

Principles of play analysis; examination of play structure, theatrical form, and dramatic genre.
*prereq:* THEA 21100 or 21200 or 21300
THEA 28100 - Visual Elements of Theatre

GER
3/A

Introduction to the theory and practice of various design elements and their contribution to theatrical production. Includes practical work on departmental productions.
prereq: THEA 10100

5 hrs
3 cr.

• Electives chosen from 300-level courses 6 cr.
• 2 production crews (not-for-credit)

plus one course selected from the following:

THEA 38100 - Scene Design I

GER
3/A

Theory and practice of scenic design for the stage. Includes practical work on departmental productions.
prereq: THEA 28100

5 hrs
3 cr.

THEA 38300 - Costume Design I

GER
3/A

Theory and practice of costume design for the stage. Includes practical work on departmental productions.
prereq: THEA 28100

5 hrs
3 cr.

THEA 38400 - Stage Lighting Design

GER
3/A

Principles, techniques, and practice of lighting for theatre, emphasizing its contribution to dramatic interpretation.
prereq: THEA 28100

5 hrs
3 cr.

THEA 38500 - Production Design I for Theatre, Film, and Television
Theory and practice in scenic design for theatre, film, and television.

prereq: THEA 10100 or FILM 10100 and THEA 28500
4 hrs
3 cr.

THEA 38700 - Concepts of Light in Theatre, Film, and Television

The aesthetics, styles, conventions, and vocabulary of lighting in theatre, film, and television: how light establishes style, mood, rhythm, and atmosphere as interpretive elements of performance.

prereq: THEA 28100 or THEA 28500
3 hrs
3 cr.

Honors

Open to any qualified junior or senior with a 3.5 GPA in Theatre and an overall minimum GPA of 2.7 and permission of the chair. Individual work under faculty supervision. Departmental honors granted at graduation.

Degree Map for Theatre

Degree Map for Theatre

Thomas Hunter Honors Program

Overview

The interdisciplinary Thomas Hunter Honors Program provides some outstanding undergraduate students with a course of study suited to their individual needs and interests. Students selected for the Thomas Hunter Honors Program must show evidence of high academic potential, interdisciplinary interests and intellectual curiosity, as well as the willingness to explore unfamiliar fields and to accept challenges.

Students may apply for admission to the program on their own or they may be invited to participate in recognition of their outstanding academic records. Many graduates of the Thomas Hunter Honors Program go on to PhD programs in the various arts and sciences, or to law, medical and other professional schools. Others choose careers in a wide variety of professional, artistic and business fields.

College Requirements

The Thomas Hunter Honors Program requires that students maintain breadth in their programs, create a significant pattern of courses in at least two academic areas of investigation (Humanities and Arts, Social Sciences, Sciences and Mathematics), including at least one laboratory science course. All programs must be approved every semester by a Council adviser.
Students entering Hunter in fall 2013 or later, are required to complete the College's Common Core requirements. Note that all colloquia in the 200 or 300 series are "W" courses.

Courses

Courses in Thomas Hunter Honors Program

Administration and Faculty

Program Coordinator:

Sarah R. Jeninsky
(212) 772-4127
thhp@hunter.cuny.edu

Program Office:

1421 West
(212) 772-4127
Web site: http://hunter.cuny.edu/thhp

Faculty

Thomas Hunter Honors Program Faculty

Thomas Hunter Honors Program

Major

Students in the Thomas Hunter Honors Program who wish to design an interdisciplinary major for themselves may do so in consultation with the appropriate Council adviser. The final transcript of such students designates the major as "Special Honors Curriculum." Most students in the Thomas Hunter Honors Program, however, elect to fulfill the requirements for one or more specific departmental majors. These students abide by departmental criteria for the major, and are expected to pursue departmental honors in their major. Their final transcript records the major as Special Honors Curriculum/Specific Department. Whatever their major concentration, all students in the Program must also successfully complete three special interdisciplinary honors colloquia (see further on) and maintain a cumulative grade point average of 3.5 or better until their final certification into the Program. Certification usually occurs in the student's junior year, when the Council, ruling on each case individually, decides that the student's continuing academic distinction, commitment to interdisciplinary work, and promise of future productivity warrant permanent membership in the Thomas Hunter Honors Program.

Thomas Hunter Honors Program students meet regularly in 200-level and 300-level colloquia, led by members of the Council on Honors and by other invited members of the faculty. Students take a minimum of three colloquia, one of which must be at the 200-level, and one of which must be at the 300-level. While the specific content of these courses varies from semester to semester, the underlying principles remain the same.

The 200-level colloquium is taught by one professor, often a member of the Council on Honors, who studies a specific theme using the materials and methodologies of at least two disciplines. Students may take more than one of these colloquia if they so desire, but at least one must be taken during their first year in the Program. The 300-level honors
Colloquia are special seminars, usually conducted by two professors, devoted to topics lending themselves to broad interdisciplinary investigation. One of the required three colloquia must be a 300-level.

The colloquia offer breadth of exposure, but, even more importantly, they seek to demonstrate how knowledge gained from a variety of disciplines can be related and integrated in an effort to understand complex processes and phenomena. In all colloquia, students write at least one major paper, in which they apply the methodology of the course to material of particular interest to them.

Upon completion of 90 credits, Thomas Hunter Honors students may also be admitted by the Council to Advanced Interdisciplinary Studies, with the opportunity of engaging in advanced independent study under the Council's supervision. A thesis or other appropriate report of the results of the student's research is presented to the Council.

**Urban Policy and Planning**

**Overview**

Since its creation by advocacy planner Paul Davidoff in 1965, the Urban Policy and Planning Department has consistently upheld a vision of urban planning as a multi-disciplinary field. As component of the department, the Urban Studies undergraduate major gives students an understanding of contemporary cities economically, socially, politically and physically. Urban studies provides answers to questions about why America is car dependent, New York housing is expensive, the number 6 train is always late and crowded, or how you can make your neighborhood better.

Going beyond the walls of Hunter, the major provides field-work courses: an internship which gives job experience and a studio class, which take students into a neighborhood to solve urban problems such as the increase of clubs and noise pollution on the Lower East Side, street vending along busy streets in Jackson Heights, or lack of park space in East Harlem.

In keeping with this vision of the major, the urban studies faculty represents a wide range of disciplines including architecture, economics, history, political science, public policy, sociology, social work and urban planning. The program also benefits greatly from a distinguished part-time faculty who bring practical experience and knowledge in both public and non-profit sectors into the classroom.

**What can I do with my degree in Urban Studies?**

Individuals with a bachelor's degree in urban studies have found work at real estate development firms, community non-profits, local government or social service agencies. Many urban studies majors go to graduate school, most often in urban planning. Others have pursued advanced degrees in law, social work and public administration. The range of graduate school choice reflects the flexibility of the urban studies curriculum and its focus on a myriad of issues from a variety of perspectives. Urban studies graduates have completed Master's degrees at Harvard, Cornell, MIT, Rutgers, and other prestigious universities across the country.

**Programs and Courses**

Programs and Courses in Urban Policy and Planning

**Honors**

Overall GPA: 3.2 and above. Major GPA: 3.5 and above.
Internships

The Public Service Scholar Program seeks to improve our cities and the lives of people by preparing talented students, particularly women, minorities and immigrants for public service careers through internships with elected officials, government, and nonprofit organizations. The program runs for a full academic year and combines internship placements in the offices of senior officials and administrators with intensive seminars on public policy issues, social change, government and nonprofit organizations. The program is open to any Hunter College student, regardless of major, who has a minimum 3.0 GPA and who is within 45 credits of graduation at the beginning of the program in the fall semester. Admission of up to 24 students is competitive. Applications are accepted starting in November with a deadline of March 15th. Students accepted as Public Service Scholars receive 12 academic credits and a $6,000 stipend. Because women, minorities and immigrants have been traditionally underrepresented in public policy making and leadership positions, special efforts are taken to encourage them to apply for the program. Interested students should contact the Public Service Scholar Program, Room 1643 Hunter West, (212) 772-5599 or email pssp@hunter.cuny.edu.

Administration and Faculty

Chair:
Professor Joseph P. Viteritti
1606 Hunter West
(212) 772-5597
jviter@hunter.cuny.edu

Department Office:
1611 Hunter West
(212) 772-5518
www.hunterurban.org
Hours of Operation: Monday – Friday 10:00 AM – 6:00 PM

Undergraduate Adviser:
Professor Owen Gutfreund
1616a Hunter West
(212) 396-6248
owen.gutfreund@hunter.cuny.edu

Faculty

Urban Policy and Planning Faculty

HEGIS Code: 2214

Arts Management and Leadership Certificate

The new Arts Management and Leadership (AML) certificate draws on current strengths within existing departments and utilizes existing courses, relying on the research and creative interests of associated faculty to provide a compelling basis for study of the burgeoning field of arts management and leadership. The program serves students interested in careers in both the visual and the performing arts, and focuses on entrepreneurial, for-profit and non-profit arts organizations as well as on established cultural institutions. This new certificate program is designed to make
undergraduate students at Hunter aware of employment opportunities offered by the arts organizations of New York and to help them prepare for both entry-level jobs and satisfying long-term careers in arts management. This plan focuses on the skills and knowledge needed to make arts organizations effective. Students will learn how artists and other professionals in cultural organizations face and solve problems of marketing, regulation, audience development and sustainability, as well as many other complex difficulties faced by arts leaders and managers.

Program Description

The AML certificate is a 15-credit program. It is taken in concurrence with any undergraduate major at Hunter College. This is a new program. It begins spring 2019.

Courses Required for the Certificate

Prerequisites of required courses will be waived by the department offering the course for students pursuing the certificate. Students may apply 6 credits from the certificate program towards other programs. Students who are majoring in Accounting may replace the BUS 22500 and BUS 23000 requirements with ACC 28000 and ACCP 37400. ACC 28000 and ACCP 37400 can be used for both the Accounting-BS and the Arts Management certificate.

The certificate program in Arts Management and Leadership includes four 3-credit courses, plus a 3-credit internship with a mentored capstone project, for a total of 15 credits. Students must maintain a 2.5 GPA in required courses to receive this certificate.

URBS 20300 - Introduction to Arts Management

In this course, we will explore the state of the art communities in the contemporary United States, discover how we arrived at the kinds of organizations in which much art is typically produced today, and learn the basic principles of arts management. We will also take advantage of our location in New York City—a world capital for careers in the arts—to learn about arts management from leaders who have built careers at some of the nation’s most respected arts and cultural organizations.

prereq: ENGL 12000
3 hrs
3 cr.

BUS 22500 - Survey of Accounting

An introductory accounting survey course designed specifically for non-majors to gain understanding of business terminology and the role of accounting in business environment. It will specifically focus on providing students with the ability to understand and effectively analyze financial information using the financial statements of a company (as an external user), as well as internal company information that will enhance business decision-making process, such as budgeting (as an internal user), combining both financial and managerial accounting areas. It will also briefly introduce the basics of non-profit accounting while highlighting differences between for-profit and non-profit accounting information needs and presentations. For non-accounting majors only.
Course is used in the Hunter Business Certificate and in the Hunter Arts Management Certificate.
prereq: Not open to undergraduate Accounting majors.
3 hrs.
3 cr.

MEDP 39900 - Special Topics in Advanced Media Production
Taught periodically, with topic listed in Schedule of Classes.

**prereq:** MEDIA 18000, others variable

3 hrs

3 cr.

(MEDP 39991 Strategic Communication and Marketing for the Arts)

Theory and practice of effective strategic communications and marketing for non-profit arts organizations and art and media businesses. Students learn techniques for formal and creative industry-leading techniques for maximizing exposure for a cause or brand through public relations, social media and digital media storytelling tools. Students will create a fictional organization around which they will build a cohesive media strategy, utilizing cutting-edge tools and best practices to develop long-term media strategy, breaking news, crisis communications and brand elevation. Students will be positioned to become a one-stop shop for leading strategic media engagement and staying above the fray in a quickly evolving landscape.

**BUS 23000 - Essentials of Business Law**

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable instruments, secured transactions and bankruptcy, business entities. For non-accounting majors only. Course is used in the Hunter Arts Management Certificate and is an elective in the Hunter Business Certificate.

**prereq:** Not open to undergraduate Accounting majors.

3 hrs.

3 cr.

**URBS 40900 - Urban Studies Internship**

**GER**

3/B

Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.

3 hrs

3 cr.

**Program Outcome**

By the end of this program, students will be able to demonstrate understanding of:

- how creators, entrepreneurs, advocates, policy makers, and others fit into a broad system of financing, management, marketing, and regulation
- how new opportunities for artist and audience connections are forged
- the workings of non-profit organizations, such as museums, orchestras, and community theaters
- the likely long-term success of an arts organization in terms of its artistic qualities, its managerial strength, the depth of its support, and the likely strength of its market position
- the financing of arts and media projects, including entrepreneurial endeavors that students might create or on which they might collaborate.

**Program Administration**
Urban Studies - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement[CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Urban Studies major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>URBS 10100</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
<tr>
<td>URBS 10200</td>
<td>Individual and Society (I&amp;S SS)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (30 credits)

Urban studies majors must complete 30 credits of courses that provide a rigorous background that will make students competitive job seekers or graduate school applicants. The core includes an introductory course as well as classes about the city's physical structure, public policies and research methods, both qualitative and quantitative. The urban studies core provides a foundation for more advanced courses. In addition to the core and advanced courses, the major requires an internship, elective courses, and interdisciplinary set of classes from several social science disciplines, e.g., political science, history, and economics.

A. Urban Studies Core (15)

URBS 10100 - Urban Life: Personal and Observational View (W)

Hunter Core

Individual & Society - Social Science I&S SS

GER

2/B

Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to
more theoretical understanding of urbanism. Includes four projects dealing with mapping, immigration, census data analysis, and local development issues.

3 hrs
3 cr.

**URBS 10200 - Structure of Urban Region (W)**

**Hunter Core**
Individual and Society Social Science (I&S SS)
**GER**
2/B

Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy.

*prereq: URBS 10100 or relevant intro course (e.g., ECO 10000 or 20100-20200; GEOG 10100, PLSC 11100, SOC 10100) or perm instr.*

3 hrs
3 cr.

**URBS 20100 - Urban Plans and Policies**

**GER**
2/B

Includes the study of the policy making process, major plans/policies (e.g. War on Poverty, urban renewal, neighborhood rezoning), "politics/power," the role of non-profits in urban planning and policy making.

*prereq: URBS 10200 or 6 cr. intro social science courses or perm instr.*

3 hrs
3 cr.

**URBS 31000 - Methods of Urban Research and Policy Analysis**

**GER**
3/B

Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.

*prereq: URBS 10200 or perm instr.*

3 hrs
3 cr.

**URBS 31100 - Quantitative Approaches to Urban Analysis**

**GER**
3/B

A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.

*prereq: Open only urban studies majors who have completed the URBS 10100/10200 sequence or perm instr.*

3 hrs
3 cr.
B. Urban Studies Electives (6)

Any two (2) 400-level courses in Urban Studies may fulfill this requirement

Examples:

**URBS 40100 - Managing Urban Physical Environment**

**GER 3/B**

Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.

*prereq: URBS 20100 or perm instr.*

*3 hrs*

*3 cr.*

**URBS 40200 - Urban Studies Studio**

**GER 3/B**

This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.

*prereq: URBS 20100 or perm instr.*

*3 hrs*

*3 cr.*

**URBS 40300 - Selected Topics in Urban Affairs**

**GER 3/B**

Intensive examination or investigation of specialized topics or new developments in literature and research.

*3 hrs*

*3 cr.*

C. Fieldwork Component 3 cr

**URBS 40900 - Urban Studies Internship**

**GER 3/B**
Students gain first-hand experience by working in urban-related public, private, or non-profit agencies. The internships provide knowledge about urban planning or policy issues.

Open only to declared urban studies majors within 45 credits of graduation.

3 hrs
3 cr.

D. Basic Social Science Component 6 cr

Select two from:

**AFPRL 38400 - Poverty in Society (W)**

GER
3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.

*prereq: successful completion of any 2 AFPRL courses*

3 hrs
3 cr.

**AFPRL 42000 - The Black Church and Social Change**

GER
3/B

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.

*prereq: AFPRL 20300 or 20400 or 20500 or perm instr.*

3 hrs
3 cr.

**ECO 33000 - Economic Development**

Pluralism and Diversity
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.

*prereq: ECO 20000*

3 hrs
3 cr.

**GEOG 22700 - Environmental Conservation: Urban Problems**

GER
3/B
Covers topics related to environmental problems and their connection to urban areas. The course will begin with a survey of urban systems (transport, water, food, waste and energy) followed by investigating how these systems contribute to environmental problems and their solutions. This investigation will also include a discussion about the connections between rural and urban areas and urban planning that attempts to minimize environmental hazards.

3 hrs
3 cr.

**GEOG 24300 - Urban Geography**

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

*prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only*

3 hrs
3 cr.

**GEOG 35700 - Geography of New York City and Vicinity**

GER
3/B

An assessment of the role geography has played in the development and the functioning of the NYC Metropolitan Area. The region's physical site and situation, changing land use, population distribution, transportation patterns and environmental concerns. Active fieldwork required. (Alternative field assignments for students who have accessibility challenges documented with the Office of Accessability.)

Open to Jr/Sr only.

*prereq: GEOG 10100 or GEOG 15000*

3 hrs
3 cr.

*Offered fall.*

**HIST 31700 - History of the American City**

Pluralism and Diversity
PD/D

GER
3/B

History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**POLSC 21200 - Urban Politics (W)**
Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform.  
*prereq: ENGL 12000 or its equivalent*  
3 hrs  
3 cr.

**SOC 21100 - Urban Sociology**

The relationships of space and society, with special attention to the nature and problems of urban life.  
*prereq: SOC 10100*  
3 hrs  
3 cr.

**SOC 21700 - Race and Ethnicity**

Pluralism and Diversity  
PD/B  
**GER**  
3/B  

Dominant-subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.  
*prereq: SOC 10100*  
3 hrs  
3 cr.

**SOC 21800 - Social Inequality**

Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.  
*prereq: SOC 10100*  
3 hrs  
3 cr.

**SOC 23500 - Community Organization and Action**

Evaluation of specific local and national action programs.  
*prereq: SOC 10100*  
3 hrs  
3 cr.
URBS 40100 - Managing Urban Physical Environment

GER
3/B

Advanced study of the physical structure of cities which includes an analysis of zoning, land use, transportation, and the location of housing. The role of public and private agencies at local, state, and national levels in the planning and management of the physical environment is also considered.

prereq: URBS 20100 or perm instr.
3 hrs
3 cr.

URBS 40200 - Urban Studies Studio

GER
3/B

This course is structured as a site-based research project where the classroom will extend into the city to actual project. In particular, students will work to understand the structural elements of development as it is taking place in one location, for example, the Hudson Yards on the Far West side of Manhattan. A goal is to see how theory holds up to reality; how ideas are linked to practice.

prereq: URBS 20100 or perm instr.
3 hrs
3 cr.

URBS 40300 - Selected Topics in Urban Affairs

GER
3/B

Intensive examination or investigation of specialized topics or new developments in literature and research.

3 hrs
3 cr.

Additional Information

*Students should consult with a program advisor to choose 6 credits (2 courses) of upper-level social science classes appropriate to students' interest. This component can also be met by another 300- or 400-level urban-related course, if approved by the undergraduate advisor.

Departmental Honors: Eligibility Criteria

Overall GPA: 3.2 and above
Major GPA: 3.5 and above

Graduate Courses
The following graduate courses are open to senior urban studies majors. Other graduate-level courses may be taken by seniors with permission of the instructor:

URBP 70100 History and Theory of Urban Planning
URBG 70200 Structure of the Urban Region

In addition to these two courses, there are cross-listed classes, offered each semester, that are open to undergraduate students.

Degree Map

Degree Map for Urban Studies

Women and Gender Studies

Overview

Women's Studies at Hunter was established in 1975 in response to the women's movement of the sixties, which asked that higher education integrate the study of women and gender into the curriculum. Our classes focus on the critical examination of gender, class, race, dis/ability, sexuality, and nationality as intersecting dynamics of social and identity formation. Through our own and cross-listed courses, our students are able to explore topics such as Bathroom Politics; Women and Film; Gender, Sexuality and History; Masculinities; Gender and Human Rights; Gender and Migration, and Transnational Feminism.

Our mission is to:

- Educate students about the principles, theories, and concrete applications of these critical analyses.
- Encourage students to examine the complex ways in which the social formations of sexuality, gender, race, class, national origin, dis/ability, and sexual orientation shape human experience and produce structures of power and inequality.
- Re-examine in curriculum and scholarship the historical record to make visible the experiences and contributions of disenfranchised groups across historical and social locations.
- Connect academic work with social and political realities outside the university; enhance students’ understanding of and resistance to structures of inequalities; and link research, teaching/learning, and activism.

Our faculty is an interdisciplinary group of scholars whose research, teaching and advocacy work focuses on the relationships between these forces, drawing from women, gender, and feminist studies; ethnic and critical race studies; LGBT and queer studies; disabilities studies; as well as the study of nationalism and class.

What can I do with a Women and Gender Studies Major?

Through the interdisciplinary study of gender and its relation to other identity markers such as race, class, ethnicity, sexuality, nation, and religion, Hunter College builds a foundation for its Women and Gender Studies majors to move on to professional work in government, public service, research, and education. Our majors also have an academic background that makes them ideal candidates for pursuing professional degrees and graduate studies in a variety of fields, including social work, policy, health, and law.
Programs and Courses

Programs and Courses in Women and Gender Studies

Administration and Faculty

Lisa Steadwell, Administrative Assistant
1717 West
(212) 772-5680
lsteadwe@hunter.cuny.edu
Web site: http://www.hunter.cuny.edu/wgs

Core Faculty

Catherine Raissiguier, Professor, Chair and Adviser
1715 West
(212)-772-5509
catherine.raissiguier@hunter.cuny.edu

Jennifer Gaboury, Lecturer and Adviser
1716 West
212-396-6891
jgaboury@hunter.cuny.edu

Kelly Nims, Doctoral Lecturer
1215 West
212-772-5117
knims@hunter.cuny.edu

Rupal Oza, Associate Professor
1718 West
212-650-3035
rupal.oza@hunter.cuny.edu

Deborah Tolman, Professor
212-772-5715
Deborah.tolman@hunter.cuny.edu

Affiliated Faculty

Women and Gender Studies Faculty

HEGIS Code: 4903

Degree Map for Women and Gender Studies

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Women and Gender Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found
in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

**ENGL 12000 - Expository Writing**

**Hunter Core**
English Comp (EC)
GER 1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.*

**WGS 10000 - Introduction to Gender and Sexuality Studies**

**Hunter Core**
Individual and Society - Social Sciences (I&S SS)
Pluralism and Diversity
GER 2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.

*3 hrs
3 cr.*

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Scientific World

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**
Hunter Core

English Comp (EC)

GER

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour

3 cr.

- US Experience in its Diversity
- Foreign Language Elementary Level 2
- Individual and Society/ Humanities
- Life & Physical Sciences

Sophomore Year

Fall

WGS 20100 - Classics in Feminist Thought (W)

Pluralism and Diversity

PD/C

GER

3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.

prereq: WGS 10000, ENGL 12000 or equiv.

3 hrs

3 cr.

- Creative Expression
- Foreign Language Intermediate Level 3
- Elective
- Elective

Spring

WGS 24400 - Transnational Feminisms

Pluralism and Diversity

PD/C

GER
Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.

*prereq: WGS 10000, ENGL 12000

*3 hrs

*3 cr.*

- Foreign Language Intermediate Level 4
- World Cultures & Global Issues
- Elective
- Elective

**Junior Year**

**Fall**

- WGS Concentration Course I
- WGS Elective
- (W) Pluralism and Diversity A, B, or D
- Elective
- Elective

**Spring**

- WGS Concentration Course II
- Pluralism and Diversity A, B, or D
- Elective
- Elective

**Senior Year**

**Fall**

- WGS Concentration Course III
- WGS Elective
- Pluralism and Diversity A, B, or D
- Elective
- Elective

**Spring**

**WGS 31000 - Research Seminar: Feminist Theory and Methodology**
Open to Jr/Sr only. Study of the theoretical models that feminist scholars create to guide their work and application of feminist methodology to a research project. To graduate with honors in Women's Studies, majors must enroll in this seminar.

Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar.

**prereq:** WGS 10000, 20100, at least one other WGS course at 200-level or higher

3 hrs

3 cr.

**spring semester**

- Elective
- Elective
- Elective

**Notes:**

- Women and Gender Studies majors take 9 credits (3 classes) in one of six Areas of Concentration. See the WGS website for a list of Area of Concentrations and associated courses.
- Students take 6 credits (2 classes) of WGS or cross-listed elective classes.
- 3 Credits (1 course) of the two elective classes MUST be in an alternate Area of Concentration than the primary one selected.
- At least one of the courses within the Area of Concentration or elective must be 300 level or above.

**Minor in Women and Gender Studies**

The Minor in Women and Gender Studies requires students to take 12 credits: *Introduction to Gender and Sexuality Studies* (WGS 10000), *Classics in Feminist Thought* (WGS 20100), *Transnational Feminisms* (WGS 24400) and one elective course from one of the six areas of concentration.

WGS 10000 - Introduction to Gender and Sexuality Studies, must be completed before WGS 20100 - Classics in Feminist Thought (W) and WGS 24400 - Transnational Feminisms.

**Women and Gender Studies - BA**

A major in Women and Gender Studies (WGS) trains students to explore gender and its relation to other identity markers such as race, class, ethnicity, sexuality, nation, and religion. By learning and applying intersectional feminist analysis, WGS majors study processes of social and identity formation; how they shape the human experience, and how they produce structures of power and domination. Throughout a rigorous interdisciplinary course of study, WGS majors are expected not only to re-examine the historical record to make visible the experiences of disenfranchised groups but also connect feminist theories to current and concrete social and political contexts.

**Hunter Core Requirement**

One course within this major may fulfill parts of the Hunter Core Requirement (CUNY C)

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
</table>
Courses Required for the Major (27 credits)

The 27 required credits are distributed as follows:

Core 12 cr

**WGS 10000 - Introduction to Gender and Sexuality Studies**

**Hunter Core**
Individual and Society - Social Sciences (I&S SS)

**Pluralism and Diversity**
PD/C

**GER**
2/B

The course will introduce students to the political and theoretical debates in the discipline of gender and sexuality. We will cover historical struggles for the women's enfranchisement, the abolitionist movements, sex wars, and the queer rights movement. The course introduces students to feminist contribution to the debate that considers sex as biology and gender as culture, critical race theory, and queer theory. In addition, the course will also deal with structural and institutional forms of disenfranchisement by examining the relationship between gender and the state, colonialism, law and capital.

3 hrs
3 cr.

**WGS 20100 - Classics in Feminist Thought (W)**
**Pluralism and Diversity**

**PD/C**

**GER**

3/A or B

The course covers the historical debates within the 'women's movement' in the United States by examining some of the 'classical' texts by Mary Wollstonecraft, John Adams, and Sojourner Truth. The course also covers the political and intellectual contribution by women of color to the discipline by reading Gloria Anzuldua, bell hooks, Audre Lorde, Patricia Williams, Kimberley Crenshaw among others. 'Foundational' texts by Gayle Rubin, Judith Butler, and Adrienne Rich offer a deeper understanding of queer theory's influence to the discipline. Even as the course reads 'classic' texts of the discipline, we will critically examine the formation of a cannon.

*prereq: WGS 10000, ENGL 12000 or equiv.*

3 hrs

3 cr.

**WGS 24400 - Transnational Feminisms**

**Pluralism and Diversity**

**PD/C**

**GER**

3/A or B

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.

*prereq: WGS 10000, ENGL 12000*

3 hrs

3 cr.

**WGS 31000 - Research Seminar: Feminist Theory and Methodology**

Open to Jr/Sr only. Study of the theoretical models that feminist scholars create to guide their work and application of feminist methodology to a research project. To graduate with honors in Women's Studies, majors must enroll in this seminar.

Note: Students may take WGS 31000 or 32000 to satisfy the Senior Seminar requirement in the major; students may also opt to take both courses. Since both classes are not taught every semester, students are urged to consult the program director in advance to plan their senior seminar.

*prereq: WGS 10000, 20100, at least one other WGS course at 200-level or higher*

3 hrs

3 cr.

*spring semester*

**Area of Concentration - 9 Credits**

Students will choose one from among the 6 areas of concentration listed as follows:

- Area of Concentration 1: Feminist Thought and Theory (WGST)
- Area of Concentration 2: Sexualities (WGSS)
- Area of Concentration 3: Gender & Public Policy (WGSP)
Electives - 6 credits

Students will be required to take two elective classes (6 credits). One (3 credits) of the two elective classes MUST be in a different Area of Concentration than their primary one.

At least one of the classes in student's Area of Concentration or electives must be 300 level or above.

Minor in Women and Gender Studies - 12 credits

The Minor in Women and Gender Studies requires students to take 12 credits: Introduction to Gender and Sexuality Studies (WGS 10000), Classics in Feminist Thought (WGS 20100), Transnational Feminisms (WGS 24400) and one elective course from one of the six areas of concentration. WGS 10000 - Introduction to Gender and Sexuality Studies, must be completed before WGS 20100 - Classics in Feminist Thought (W) and WGS 24400 - Transnational Feminisms.

Research Seminar

Majors may satisfy the Senior Seminar requirement of the major by enrolling in the Research Seminar (WGS 31000). This course serves as a capstone course in which WGS majors apply feminist theory and methodology to develop an original research project resulting in a substantial paper.

Honors

In order to graduate with honors in Women and Gender Studies, a student must have a 3.5 GPA in the Women and Gender Studies major and a college-wide cumulative index of at least 3.0. Students should submit a 18-20 page paper written for any Women and Gender Studies 300 level class including but not limited to the Research Seminar (WGS 31000). The student must submit the paper by March 30 (for June graduation) and October 30 (for December graduation) to be considered for program honors. A faculty committee will read submitted papers and determine whether they merit honors.

Degree Map

Degree Map for Women and Gender Studies

School of Education

The School of Education

UTEP (Undergraduate Teacher Education Pathways)
School of Education UTEP programs at Hunter College prepare prospective teachers to serve as highly effective educators, and provide opportunities to work with children of diverse backgrounds, abilities, and interests within an array of educational settings in New York State.

A student who completes an undergraduate School of Education program fulfills the academic requirements for New York State Initial Certification. All students in an education major or minor at Hunter must also fulfill both the Hunter Core requirement and the requirements for a liberal arts or sciences major.

The School of Education is committed to the development of teacher candidates that will be both educators and lifelong students. Teacher preparation that focuses on the unique challenges of working in NYC public school classrooms is at the core of Hunter College's educational mission, and the School of Education is a place for aspiring teachers to learn their craft and contribute to the future through the classroom.

School of Education students are held to the highest professional and academic standards, and will be expected to:

- Learn deep and broad content knowledge across academic disciplines.
- Develop professional knowledge and academic skills.
- Learn the theory and practice of effective pedagogy.
- Understand the history, philosophy, psychology, and sociology of education that will inform their teaching.

The School of Education also believes in preparing teacher candidates to work with a diverse student population in the modern classroom, and recognizes that learning takes place inside social and community networks that support student learning. Thus, our programs also provide teacher candidates with knowledge on how to:

- Manage their educational setting to provide effective instruction for all students.
- Design lessons and units of work for students and to adapt their instruction to students’ prior knowledge and level of skill.
- Use research-based theories and methods of teaching students with special needs, including special education students and English language learners.
- Learn to create humane and ethical learning communities in which all students receive the support they need to achieve academically.
- Learn to communicate effectively with parents, families, community members, and other members of the school faculty and staff in order to provide this support.
- Master the use of technology as a tool for teaching.

Finally, becoming a Hunter College teacher candidate requires dedication to the continuous improvement of one's professional abilities. Our programs, therefore, ensure teacher candidates know how to:

- Reflect on teaching practice in order to strengthen work with students and grow as professionals.
- Gain expertise in analyzing and using assessments of student achievement to guide and inform instruction.

Admissions

- Admission to UTEP Programs

Programs and Courses in Education

- UTEP Program List
- School of Education Course List
- UTEP : Electives for Non-Majors
Academic Affairs and Policies

- School of Education Fall 2020 Credit/No-Credit Grading Policy
- The Office of Academic and Student Services (OASA)
- School of Education Progress Standards
- New York State Certification
- Frankfort Center for Learning and Scholarly Technologies

Fieldwork & Student Teaching

- The Office of Clinical Experiences

School of Education Career Services

- Career Services Support

Administration

- School of Education: Administration

Faculty

- Faculty of the School of Education

Accreditation

- School of Education: Accreditation

Roosevelt House

Two undergraduate programs are offered at Roosevelt House.

Human Rights

This program aims to give students the tools they need to address human rights problems intelligently and constructively, whether as advocates, scholars, researchers or informed citizens. Via academic study and hands-on experience, students will explore both the theoretical and practical underpinnings of current human rights debates.

By learning about human rights law, theory and practice, students in the program will understand how human rights norms and aspirations can shape public policy, international relations, and corporate behavior. They will learn about
issues such as accountability, humanitarian intervention, freedom of expression, and the rights of immigrants. They will be introduced to the structure of human rights enforcement mechanisms, assessing the way in which international treaties and multilateral institutions influence the behavior of national governments.

Public Policy

The Roosevelt House public policy program is based on the understanding that the preparation of informed individuals is the key to a vibrant participatory democracy. The program prepares students by providing essential research and analytical skills that are important goals of a strong liberal arts education. Our graduates are unique: they span many majors from Anthropology to Political Science, Women & Gender Studies to Biology. Students have an opportunity to interact first-hand with policy experts and practitioners, both in the classroom and outside, and learn how policies are created, how communities come together to demand change, who benefits from specific policies, and how public policy impacts can be best measured. These are important skills that enable students to enter competitive graduate school programs, or to embark on careers in public affairs and the nonprofit sector at the local, national or global level.

Roosevelt House

Programs under Roosevelt House

- Human Rights
- Public Policy Certificate

Human Rights

Overview

The Human Rights Program examines the theory and practice of human rights, combining academic training with hands-on experience. By exploring the philosophical foundations and legal framework of human rights, as well as addressing current political, social and economic realities, the program seeks to give students the tools necessary to engage intelligently with contemporary human rights problems. Among the thorny issues students may examine are indigenous peoples' rights to natural resources, the limits of freedom of expression, the problem of corporate complicity in rights violations, the legitimacy of humanitarian intervention, and the problem of enforceability (both of economic, social, and cultural rights, and of civil and political rights).

An interdisciplinary program, the Human Rights Program offers courses in political science, anthropology, sociology and history, among other fields of study. Students may follow either of two academic tracks: a 15-credit Minor in human rights, or 24-credit Certificate. A key element of both tracks is the human rights internship, which gives students direct experience with the researchers, advocates, lawyers and analysts who make up the human rights movement. Both the Minor and Certificate in human rights are good preparation for a career in government, at a nongovernmental organization, or in a regional or international agency. Many students may choose to go on to law school, journalism school or a graduate program. Whatever their career choice, their knowledge of human rights will make them more thoughtful and informed citizens.

Programs and Courses in Human Rights

Programs and Courses in Human Rights
Administration and Faculty

Director of the Human Rights Program and Program Adviser:

Jessica Neuwirth, Program Director
Roosevelt House-RH 404
212-396-6564
jessica.neuwirth@hunter.cuny.edu

Program Manager:

JoAnne Vellardita
Roosevelt House-RH 401
212-396-7946
joanne.vellardita@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/

Program Associate:

Kelsey Adolphs
Roosevelt House-RH 401
212-396-7948
kadolphs@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/

Policy and Curriculum Committee

Carol Gould, Chair, Professor, Philosophy; PhD Yale University
http://www.hunter.cuny.edu/philosophy/faculty/carol-c.-gould

Yukiko Koga, Associate Professor, Anthropology; PhD Columbia
http://www.hunter.cuny.edu/anthropology/faculty-staff/full-time-faculty/koga-yukiko

Marnia Lazreg, Professor, Sociology, PhD New York University
http://www.hunter.cuny.edu/sociology/faculty/marnia-lazreg

Deborah Tolman, Professor, Women & Gender Studies, PhD Harvard University
http://www.hunter.cuny.edu/wgs/women-and-gender-studies-staff

John Wallach, Professor, Political Science; PhD Princeton University
http://www.hunter.cuny.edu/polsci/faculty/Wallach

Human Rights Certificate

24-credit Certificate in Human Rights

• 4 Core Required Courses from an approved list
• HR 20000 Introduction to Human Rights: History, Discourse, Practice (W)
• HR 25000 Human Rights Internship
• HR 26000 Human Rights Internship Seminar (W)
• HR 35000 Human Rights Capstone Seminar (W)
• 4 Elective Cognate Courses from an approved list

The approved list of cognates comprises courses drawn from 18 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses. Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners. To be accepted into the Certificate program, a student must have at least completed HR 20000 with a B and have a cumulative GPA of 3.0.

**Course Listing**

Courses in Human Rights

**Minor in Human Rights**

The 15 credit minor in Human Rights consists of five 3 credit courses:

- 2 Core Required Courses
  - Introduction to Human Rights (HR 20000)
  - Internship in Human Rights (HR 25000)
- Elective Cognate Courses from an approved list
- The approved list of cognates comprises courses drawn from 16 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses. Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners. To be accepted into the Minor program, a student must have completed HR 20000 with a B and have a cumulative GPA of 3.0.

**Public Policy**

**Overview**

The Public Policy program is based on the understanding that the preparation of informed individuals is the key to a vibrant participatory democracy. The program prepares students by providing essential research and analytical skills that are important goals of a strong liberal arts education. Our graduates are unique; they span many majors from Anthropology to Psychology, Chinese and Classics. Students have an opportunity to interact first-hand with policy experts and practitioners, both in the classroom and outside, and learn how policies are created, how communities come together to demand change, who benefits from specific policies, and how to measure the impact of laws. These are important skills that enable graduates to either embark on careers in public affairs and the nonprofit sector, or remain engaged in public affairs—nationally and globally—regardless of their stated major, career goals, or personal objectives.
What can I do with my certificate in Public Policy?

Participation in the Public Policy Program, via either the Minor or the Certificate, will provide students with skills, experience and knowledge that will strengthen their applications to graduate school or law school, and help them in their future careers.

Program and Courses

Programs and Courses in Public Policy

Administration and Faculty

Program Contact:

Shyama Venkateswar, Ph.D.
Director of the Public Policy Program and Distinguished Lecturer
Roosevelt House
(212) 396-7935
shyama.venkateswar@hunter.cuny.edu

Public Policy Program Faculty Advisory Committee

Public Policy

Minor in Public Policy

Core Requirements

An 18-credit undergraduate minor in public policy is open to students in all disciplines. In addition to the Core Requirements, students need to take one course in each of the four basic skill areas (political, economic, quantitative and normative analysis).

- PUOPOL 10000 Introduction to Public Policy
- PUOPOL 40000 Capstone Seminar
- PUOPOL 11000 American Government: A Historical Introduction
- ECOPOL 20000 Principles of Microeconomics
- Choose one course in Quantitative Analysis: ECO 22100 Economic Statistics -or- POLSC 20600 Research Design in Political Science (W) -or- SOC 21800 Social Inequality -or- STAT 21300 (STEM) Introduction to Applied Statistics
- Choose one course in Normative, Ethical, and Value Analysis. Such courses include but are not limited to: PHILO 10400 Introduction to Ethics and Moral Judgment -or- PHILO 10600 Philosophy, Politics and Society -or-PHILO 24400 Moral Philosophy (W) -or- SOC 21800 Social Inequality -or- POLSC 30500 Democratic Theory (W) -or- POLSC 31100 Utopian Theory (W)
Public Policy Certificate

Public Policy is an 18-credit undergraduate minor open to students in all disciplines. Students also have an option to receive a Certificate in Public Policy by taking 9 additional credits (for a total of 27 credits).

The Roosevelt House public policy program is based on the understanding that the preparation of informed individuals is the key to a vibrant participatory democracy. The program prepares students by providing essential research and analytical skills that are important goals of a strong liberal arts education. Our graduates are unique: they span many majors from Anthropology to Political Science, Women & Gender Studies to Biology. Students have an opportunity to interact first-hand with policy experts and practitioners, both in the classroom and outside, and learn how policies are created, how communities come together to demand change, who benefits from specific policies, and how public policy impacts can be best measured. These are important skills that enable students to enter competitive graduate school programs, or to embark on careers in public affairs and the nonprofit sector at the local, national or global level.

Core Requirements

An 18-credit undergraduate minor in public policy is open to students in all disciplines. In addition to the Core Requirements, students need to take one course in each of the four basic skill areas (political, economic, quantitative and normative analysis).

PUPOL 10000 - Introduction to Public Policy

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines.

Writing Requirements: This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr.

PUPOL 40000 - Capstone Seminar

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper. Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research.

These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

prereq: Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.
3 hours
3 credits

**POLSC 11000 - American Government: A Historical Introduction**

**Hunter Core**
US Experience in its Diversity (USED)

**GER**
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

*prereq: ENGL 12000 (or equivalent)*
*prereq or coreq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

**ECO 20000 - Principles of Microeconomics**

**GER**
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets. May be taken prior to or concurrently with ECO 20100.

*prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000*

3 hrs
3 cr.

**ECO 22100 - Economic Statistics**

**Hunter Core**
Mathematics and Quantitative Reasoning

**GER**
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

*prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500*

3hr lecture or 2hr lecture/1 hr discussion

3 cr.
PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) -I&S SS

Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.

3 hrs
3 cr.
offered each semester

Certificate in Public Policy: Substantive Policy Specialization

For the Public Policy Certificate each student will take the 6 core courses (18 credits) for the Minor and will be required to declare a substantive area of specialization comprised of 3 courses (9 credits) of additional course work. These may be grounded in a particular discipline or disciplines and should be at the 300-level or by permission of the program director. Or a student may use the substantive specialization to take advantage of clusters of expertise that exist across several Hunter departments. Examples of the latter include (but are not limited to) immigration, health, aging, gender studies, macroeconomics, public finance, economic development, social welfare, public law, human rights, ethics, international relations, international trade, education, urban affairs, environmental studies, and labor. Courses designated for the substantive specialization need approval by the director of the program.

Additional Opportunities

The Public Policy Program offers other unique opportunities to its students in the form of conferences, lectures, brown bag seminars, internships and travel. These options are designed to enrich and supplement the students' experiences at the Roosevelt House Public Policy Institute.

Generic Policy Courses

Advanced courses which build on the knowledge and skills acquired in the core courses and are applicable to students in a wide range of substantive specializations.

Internships

While internships are not a formal requirement to complete the program, it is a highly recommended option. Undergraduate internship programs are designed to give students a chance to work in a policy-related institutional setting outside the university, either in a government agency, nonprofit, think tank, or advocacy group. Additionally, Roosevelt House has entered into a partnership with the prestigious Brookings Institution in Washington, DC to place a few undergraduates enrolled in the Public Policy Program to work with their scholars in the summer.

Policy Colloquia
A colloquium series will be launched at Roosevelt House that will allow students and faculty to come together several times a semester to discuss public policy issues. Guest speakers, including scholars and practitioners, with relevant expertise will be invited to discuss topics of the day either individually or in panels.

**Hunter-Bellevue School of Nursing**

**Overview**

The Hunter-Bellevue School of Nursing is located at Hunter College's Brookdale Health Science Center at 425 East 25th Street in Manhattan, near Bellevue Hospital. The School's programs combine liberal and professional education with a humanistic and comprehensive approach to health care. The School's mission is to provide quality nursing education to promote health and provide care to culturally diverse, urban, and global communities through research, scholarship, and service. The School's programs combine liberal and professional education with a humanistic and comprehensive approach to health care.

The School offers three programs leading to the Bachelor of Science (with a major in nursing) degree: the Generic Program, for students who do not have an RN license; the RN to BS Program, for students who have completed a nursing program and have received or are about to receive a current RN license to practice professional nursing in New York State and the Accelerated 2nd Degree Program, for students who have already achieved a baccalaureate degree in another field of study and wish to transition into a nursing career. Information on applying to all of our programs is available at http://www.hunter.cuny.edu/nursing. In earning the Bachelor of Science (with a major in Nursing) degree, students in all programs complete core requirements and professional education curriculum requirements.

**What can I do with my degree in Nursing?**

Hunter-Bellevue Baccalaureate graduates are prepared to practice as generalist nurses in health care settings.

**Programs and Courses**

**Admission Requirements (all Programs) and Policies**

- Admission Requirements (all Programs)
- GPA Requirements for Nursing Programs
- Attendance Requirements for Nursing
- Grading Policy for Nursing Courses

**Licensing and Accreditation**
• Accreditation
• Licensing

Centers

• The Health Professions Education Center (HPEC)

Administration

425 East 25th St.
New York, NY 10010
http://www.hunter.cuny.edu

Joan Hansen Grabe Dean of Nursing

Gail C. McCain
530 Brookdale Campus West
(212) 481-7596

Associate Dean, Administration

Frank Flammino
600A Brookdale Campus West
(212) 481-7667

Acting Associate Dean, Research

Elizabeth Cohn
622 Brookdale Campus West
(212) 396-7202

Associate Dean of Undergraduate Programs
Generic, A2D and RN-BS Programs:

Mary Belmont
503 Brookdale Campus West
(212) 481-7146
(212) 481-4427 (fax)

Associate Dean Graduate Programs
MS, Post-MS Certificate PMHNP, DNP

Mary Hickey
Brookdale Campus West
(212) 481-7147
(212) 481-4427 (fax)

Faculty

Faculty of Hunter-Bellevue School of Nursing
School of Urban Public Health

OVERVIEW

Hunter College's School of Urban Public Health educates students to contribute to improving urban health by addressing problems such as HIV, substance abuse, asthma, obesity, under-nutrition, violence, heart disease and cancer. The school offers undergraduate programs in Community Health and Nutrition and Food Science. Hunter's School of Urban Public Health shares an eight-story, 147,000-square-foot green building on Third Avenue between East 118th and 119th Streets with the Silberman School of Social Work at Hunter College. Faculty, staff and students from both schools work closely with community organizations and health and social service agencies in East Harlem to strengthen existing and create new approaches to improving the well-being of East Harlem and other low-income communities.

What can I do with my degree in Community Health?

This program is designed to prepare students for work in community-based and human rights organizations, family planning clinics, mental health centers, homeless shelters, research centers, media organizations, as well as in city, state and national health departments.

What can I do with my degree in Nutrition and Food Science?

The major prepares students to work in a variety of career settings. NFS majors can work with athletes, weight control and fitness programs, special groups like WIC (Women, Infants & Children) in community settings, food service industries like hotels, airlines, universities, food service chains, and industrial cafeterias. Graduates can become food science technical specialists and conduct research, development and quality control of food products for food companies. It is also possible to use foods and nutrition knowledge for jobs in advertising, marketing and in the mass media. Students can become consultants to television programs, or write articles on food for newspapers. Students may take steps after graduation to enter a graduate didactic program in dietetics (DPD) at Hunter or elsewhere to become registered dietitians (RD), or pursue graduate study in allied health, social work, scientific research, or other human service professions. (Note: The NFS-BS undergraduate major is not a didactic program in dietetics (DPD) and does not prepare the student to become a registered dietitian. At Hunter, the DPD is on graduate level (NUTR-MS).)

Since the MS-Nutrition curriculum meets the didactic program in dietetics (DPD) requirements established by the Commission on Accreditation for Dietetics Education (CADE), the credentialing arm of the American Dietetic Association (ADA), the program will qualify students from the BS/MS accelerated track to apply for Dietetic Internships and continue their professional preparation for the Registered Dietitian (RD) credential.

Programs and Courses in Community Health and Nutrition

Programs and Courses in Urban Public Health
Administration

Silberman Campus
2180 Third Avenue (119th Street & Third Avenue, 5th floor)
New York NY 10035
www.hunter.cuny.edu/uph

Campus Director
Khursheed Navder, PhD, RDN, FAND
Room 612, (212) 396-7775
knavder@hunter.cuny.edu

For Information Contact:
Nzinga Ajani
212-396-7729
Silberman Campus, 119th Street, 5th fl, Dean's Suite -or-
nutrition@hunter.cuny.edu

Faculty

Faculty of the School of Urban Public Health

Silberman School of Social Work

The Hunter College School of Social Work, founded in 1956, is the largest and oldest public graduate school of social work in New York City. The School's mission is to promote excellence in social work practice by preparing knowledgeable, ethical, and highly competent social work leaders for a variety of professional roles and settings. Our pedagogy, scholarship, and service reflect social work's historic commitment to human rights, cultural complexity, and social and economic justice. Commensurate with the missions of our host institutions, the School promotes community-engaged and practice-based scholarship that pursues policy and practice solutions to real world problems, thereby reinforcing the strengths of people and the communities in which they live, in New York and other major urban areas.

Administration

Silberman School of Social Work at Hunter College
2180 Third Avenue, New York, NY 10035 (119th Street & 3rd Ave.)
Office of the Dean: (212) 396-7600

Dean

Mary M. Cavanaugh

Director of the BSW Program
Program

Bachelor of Social Work (BSW)

Archived PDF Catalogs: 2000-2010

Archived Undergraduate Catalogs

Follow the following links to view the archived versions of the Undergraduate Catalog:

- Undergraduate Catalog 2007 - 2010
- Undergraduate Catalog 2004 - 2007
- Undergraduate Catalog 2002 - 2004
- Undergraduate Catalog 2000 - 2002

Using Archived Catalogs

These archived catalogs are stored in pdf format. To view these documents you will need the Adobe Acrobat Reader software installed. To obtain this free software please visit http://get.adobe.com/reader/.

About Hunter College

Hunter College is part of The City University of New York (CUNY), the nation's largest urban university. CUNY comprises 11 senior colleges, seven community colleges, a graduate school, a school of professional studies, a school of journalism, a school of public health and health policy, an honors college and a law school.

Known for its rich and academically rigorous environment, Hunter College takes pride in a curriculum as diverse and wideranging as its community. Hunter faculty and students come from virtually every nation and culture in the world, enriching the Hunter community and the city with their myriad perspectives and experiences. The college seeks to help its students broaden their outlook on the world, achieve success in their chosen professions and fulfill their personal, academic and civic potential.
Originally called The Normal College, the school was founded in 1870 by Thomas Hunter to educate young women who wished to be teachers. Today Hunter is a coeducational, fully accredited college with a large, distinguished faculty in the liberal arts and sciences and in its professional schools. Hunter offers both undergraduate and graduate degrees and enrolls close to 23,000 students, making it the largest senior college in CUNY.

The college consists of six schools: the School of Arts and Sciences, the School of Education, the Hunter-Bellevue School of Nursing, the School of Urban Public Health, the School of Health Professions and the Silberman School of Social Work. The schools offer more than 55 undergraduate programs, which lead to the degrees of bachelor of arts, bachelor of science, bachelor of fine arts, bachelor of music and bachelor of social work as well as 14 dual bachelor's/master's programs and scores of graduate programs. Each program of study provides students with skills to attain competence in a specialized field and a foundation of general knowledge. The fields of concentration may be chosen from the general areas of the fine arts, the humanities, the language arts, the sciences, the social sciences and the applied arts and sciences, as well as in professional areas in accounting, education, health sciences and nursing. A post-baccalaureate program in health careers preparation is available for students interested in taking coursework required for admission to schools of medicine, dentistry, nursing, veterinary science, etc.

Graduate students may matriculate in any one of over 70 master's degree programs in the School of Arts and Sciences, the School of Education, the School of Urban Public Health, the School of Health Professions, the Hunter-Bellevue School of Nursing and the Silberman School of Social Work. In addition, the graduate programs in teacher education and nursing include courses leading to post-master's certificates in several different areas. Details of the graduate programs are available in the graduate catalog catalog.hunter.cuny.edu/index.php, at the Hunter College Welcome Center (Room 100 North Building), in the offices of the deans of each area, in the Cooperman Library and on the Web at www.hunter.cuny.edu.

The Hunter College Campus Schools are devoted to the education of gifted students who reside in New York City. Opportunities are provided for students to engage in critical thinking and creative endeavors in an atmosphere of intellectual inquiry. Educational research and teacher education projects are features of collaboration with the School of Education at Hunter College. The elementary school (K to Grade 6) and the high school (Grades 7-12) model different educational strategies and serve as demonstration schools for students and teachers. For additional information, contact Lisa Siegman, Acting Director, at (212) 860-1291 or by e-mail at lsiegman@hccs.hunter.cuny.edu.

Manhattan Hunter Science High School is a science-focused early college high school funded in part by the Gates Foundation. It is a joint venture of Hunter and the New York City Department of Education. Students take college courses at Hunter during their junior and senior years. Many will pursue baccalaureate studies at Hunter and other City University colleges.

**Absence of Instructor**

If a class finds that the instructor is still absent after 10 minutes of the period has elapsed, a representative should be sent to the appropriate department office for instructions. The class should remain until the representative returns.

**Academic Calendar and Sessions**

Hunter College offers fall, winter, spring, and summer semesters. Consult the Academic Calendar at http://www.hunter.cuny.edu/onestop/calendars/academic-calendars for specific starting dates. Courses are offered from early morning to late evening each semester and in the summer. Students are expected to attend both the fall and spring semesters; students who do not must apply for readmission.
Attendance in the summer program is optional. Students who receive financial aid under the New York State Tuition Assistance Program (TAP) should realize that these awards are available for no more than a total of eight semesters (ten for SEEK). TAP assistance for a summer session will count as one-half a semester; the other half may be used only in a subsequent summer session.

### Academic Honors

**Dean's List** At the end of each fall and spring semester the Dean of Students recognizes matriculated students with excellent academic records. The criteria for inclusion on the Dean's List are: a grade point average of 3.5 or higher with traditional letter grades (A, B or C) in courses other than ESL basic skills courses in reading and writing. If ESL basic skills courses are taken, those grades will be excluded. No grades of D, F, NC, IN or WU are allowed in any course completed or attempted. Full-time students must complete 12 credits or more in one semester; part-time students must complete 6-11½ credits in two consecutive semesters.

**Graduation with General College Honors** A student who has completed 60 credits of traditional letter grades at Hunter College may be considered for graduation honors. Students with a cumulative GPA of 3.900 or higher will be graduated Summa Cum Laude. Students with a GPA from 3.750 to 3.899 will be graduated Magna Cum Laude. Students with a GPA from 3.500 to 3.749 will be graduated Cum Laude.

**Graduation with Departmental Honors** On recommendation of any department or interdepartmental field, students with at least 24 credits in the department or field may be graduated “With Honors” in that department or field, provided they graduate in the term for which they file for honors. Of these credits, 21 (or, in exceptional cases, 18) must be taken at Hunter. Students who participate in the Study Abroad Program or the Exchange Program within the United States may be considered for departmental honors even if they have earned fewer than 18 credits at Hunter in courses approved for the major. Students are eligible for departmental honors if their GPA in the major or field is not less than 3.5. The student must also elect at least 2 credits (but no more than 6 credits) in honors courses offered in that department and present to the department's Committee on Honors a piece of independent work. Honors courses include seminar, laboratory, reading and tutorial courses and independent study projects established for the instruction of honors students.

### Academic Integrity

- CUNY Policy on Academic Integrity
- Hunter College's Procedures for Reporting Academic Integrity Violations

### Academic Preparation

The best preparation for success at Hunter College is a full program of college-preparatory courses. The college recommends four years of English, four years of social studies, three years of mathematics, two years of foreign language, two years of laboratory science and one year of performing or visual arts.

In addition to providing a strong foundation for college-level coursework, the program recommended above fulfills the 16 units of high school work in academic courses required for admission to a CUNY senior college. High school students should check with guidance counselors to determine which courses are considered to be academically within the English, mathematics, science, social science, foreign language and fine and performing arts curricula. Freshman admission to Hunter College is competitive. Applicants are considered for admission on the basis of the overall strength of their academic preparation, high school academic average, the number of academic subjects and the distribution of those courses. A diploma from an
accredited high school, an equivalency diploma or a United States Armed Forces diploma is also required for entrance to the college. Neither a high school certificate nor an IEP diploma is acceptable. For more information on how to prepare to apply to Hunter College, visit freshman admissions information.

As per the CUNY Board of Trustees resolution in July 2020, Hunter College will not be utilizing the SAT or ACT for the purpose of admission review for the Spring 2021, Fall 2021, and Spring 2022 semesters.

**Academic Requirements**

**General Requirements**

- General Education - Effective Fall 2019
- Hunter Core Requirement - Fall 2013 to Spring 2019
- General Education Requirements - Fall 2001 to Spring 2013
- Language Proficiency Requirement
- Requirements for Graduation: Hunter Core and Major Field of Study
- Assignment of Credit Hours to Courses
- Types of Majors Offered for Bachelor's Degree
- The Academic Program
- Interdepartmental Majors
- Professional and Pre-Professional Majors: BS, BFA, BSW and BMus Degrees
- The Minor
- Accelerated Bachelor's/Master's Degrees
- Regulations Published by the Hunter College Senate
- Certificates

**Course Policies**

- Special COVID-19 Flexible Grading Policy for the Fall 2020 Semester
- Academic Calendar and Sessions
- Attendance Policies
- Pass/No Credit Policy for Undergraduate Courses
- Courses at Other Accredited Institutions (ePermit)
- Repeating Courses
- Incomplete Work in a Course
- Absence of Instructor
- Suspension of Classes
- Access to College Files
- Auditing
- Elective (or Optional) Credits
- General Rules about Courses
- Unofficial Withdrawal
- Undergraduates Taking Graduate Courses
- College Calendar: Schedule of Final Examinations
- New York State Rule for Liberal Arts and Sciences Courses

**Grading Policies**
• Grading Definition
• Study Abroad Grading
• Credit/No Credit Policy for Undergraduate Courses
• Grading Policy for Nursing Courses
• Grade Appeals
• Academic Honors
• Graduation-in-Absentia
• Dismissal from the College and the City University

**Academic Integrity Policies**

• CUNY Policy on Academic Integrity
• Hunter College's Procedures for Reporting Academic Integrity Violations

**Other Policies**

• Withdrawal from Part of Program
• Withdrawal from College
• Student Appeals- Rules and Regulations
• Policy on Remediation

**Accelerated Bachelor's/Master's Degrees**

*Accelerated Bachelor's/Master's Degrees*

These programs may enable highly qualified students to earn the bachelor's and master's degrees in a shorter period of time than is required for taking the degrees separately. The following programs are available.

• Accelerated BS/MS in Nutrition (DPD)
• Adolescent Biology, Grades 7-12 - BA/MA
• Adolescent Chemistry, Grades 7-12 - BA/MA
• Adolescent Earth Science, Grades 7-12 - BA/MA
• Adolescent Mathematics, Grades 7-12- BA/MA
• Adolescent Physics, Grades 7-12 - BA/MA
• Anthropology - BA/MA
• Biological Sciences with Specialization in Biotechnology - Accelerated BA/MA
• Dance Pre-K - 12 - BA/MA
• Economics -BA/MA
• Five-Year BA/MA Program in Environmental Studies and Adolescent Education: Earth Science (Grades 7-12)
• Mathematics or Statistics and Applied Mathematics - BA/MA
• Mathematics Preparation for Adolescent Education (Grades 7-12) - BA/MA
• Music - BA/MA
• Music/Music Teacher Education Pre-K-12 - BA/MA
• Physics - BA/MA
• Sociology/Social Research - Accelerated BA/MS
Accelerated BS/MS in Nutrition (DPD)
Program Description

This pathway is for NFS majors who are interested in completing their degree and then continuing at Hunter to obtain a master's degree and verification statement. Acceptance to the BS-MS accelerated track is a competitive option open only to Hunter College students in the NFS major. Students must complete the NFS major and academic requirements for their undergraduate degree in about 96 credits, must have an overall GPA of 3.5 and prerequisite GPA of 3.2 or better to be considered. However, a 3.5 GPA in and of itself does not guarantee admission.

This accelerated pathway provides the opportunity for undergraduate students to remain at Hunter for their graduate coursework and provides students the opportunity for academic acceleration to a graduate degree.

Since the MS-Nutrition curriculum meets the didactic program in dietetics (DPD) requirements established by the Accreditation Council for Education in Nutrition and Dietetics (ACEND), the credentialing arm of the Academy of Nutrition and Dietetics (AND), it will qualify students from this BS/MS accelerated track to apply for Dietetic Internships and continue their professional preparation for the Registered Dietitian (RD) credential.

Access to College Files

The Federal Education Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include the right to inspect the student's education records; the right to request the amendment of the student's education records that the student believes are inaccurate or misleading; the right to consent to disclosure of personally identifiable information contained in the student's education records; and the right to request that certain information not be released without his or her prior written consent by filing a letter with the Office of the Registrar.

Accreditation

Hunter College is fully accredited by the Middle States Commission on Higher Education (MSCHE), 3624 Market Street, Philadelphia, PA 19104-2680; phone: 267-284-5000. Hunter is approved as a degree-granting institution by the Trustees of the City University of New York and the Regents of New York State.

Academic programs with national accreditation or certification include the following:

- School of Arts and Sciences programs in Biochemistry and Urban Planning are accredited by the American Society for Biochemistry and Molecular Biology and the Planning Accreditation Board, respectively.
- School of Education programs are accredited by the National Council for Accreditation of Teacher Education (NCATE), the Counsel on Rehabilitation Education (CORE), and the Council for Accreditation of Counseling and Related Educational Programs (CACREP).
- The baccalaureate degree in nursing programs, the master's degree in nursing programs, and the Doctor of Nursing Practice program at Hunter College, CUNY, are accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington DC 20001, 202-887-6791.
- Silberman School of Social Work programs are accredited by the Council on Social Work Education.
- Health Professions programs are accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association; the American Physical Therapy Association.
- School of Urban Public Health programs in nutrition are accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND).
Institutional memberships

- Association of American Colleges & Universities (AAC&U)
- American Council on Education (ACE)
- American Association of State Colleges and Universities (AASCU)

Hunter College of The City University of New York
695 Park Avenue
New York, NY 10065
(212) 772-4000
http://www.hunter.cuny.edu/

Accreditation: Hunter Bellevue School of Nursing

The baccalaureate degree in nursing programs, the master's degree in nursing programs, and the Doctor of Nursing Practice program at Hunter College, CUNY, are accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington DC 20001, 202-887-6791.

Administration of Hunter College of the City University of New York

President: Jennifer J. Raab, JD

Acting Provost and Vice President for Student Success and Learning: Valeda Dent, PhD

Vice President for Student Affairs and Dean of Students: Eija Ayravainen, MA

Vice President for Administration (Acting): Lori Mazor, March, EMBA

Vice President for Finance and Budgeting (Acting): Livia Cangemi, BS, CPA

Associate Provost and Assistant Vice President for Academic Affairs: James Llana, PhD

Associate Provost for Faculty Affairs: Jennifer Tuten, PhD

Ruth and Harold Newman Dean of the School of Arts and Sciences: Andrew Polsky, PhD

Klara and Larry Silverstein Dean of the School of Education: Michael J. Middleton, PhD

Dean of the Silberman School of Social Work: Mary M. Cavanaugh, PhD

Joan Grabe Dean of the Hunter-Bellevue School of Nursing and Dean of the School of Health Professions: Gail McCain, PhD, RN

Dean for Diversity and Compliance: John Rose, JD

General Counsel and Dean of Faculty: Carol Robles-Román, JD

Admission Requirements (all Programs)
Students are considered for admission to the Generic Program, Accelerated 2nd Degree and RN to BS programs for the fall semester only. Students are considered for admission to the generic program in the spring semester of their freshman year, after completing prerequisite course work and an application to the School of Nursing. An overall college GPA of 3.2 in addition to other requirements is the minimum requirement for consideration of an application. Only matriculated Hunter College students can apply to the Generic Program. Admission to the School of Nursing is competitive. Generic Program and Accelerated 2nd Degree Program students must be able to attend during the day and evening on a full-time basis, including weekends. All clinical assignments are made by the school faculty depending on site availability. RN Program students may attend during the day or evening, depending on scheduling of courses, on a full-or a part-time basis.

HBSON and Queensborough Community College have a collaborative agreement that grants early acceptance of AAS students into the RN to BS program. Students must complete their first semester of study at QCC with a grade of B or better in NU 101 and a GPA of 3.2 or better for early acceptance.

**Admission Requirements to Nursing Programs**

**Declaring a Teacher Preparation Major or Minor**

The School of Education is committed to the development of teacher candidates who will be both educators and lifelong learners. Teacher preparation that focuses on the unique challenges of working in NYC public school classrooms is at the core of Hunter College's educational mission, and the School of Education is a place for aspiring teachers to learn their craft and contribute to the future through the classroom.

Prior to declaring your Education major, the School of Education invites interested students to attend an information session to learn more about the requirements of the major. Students then complete an interest form, are screened for eligibility, and may be invited to participate in an interview with faculty.

All education majors are required to have a primary School of Arts & Sciences major and must fulfill the Hunter Core requirements. Graduates will also fulfill the academic requirements for New York State Initial Certification.

Students must be approved by the School of Education to join an Education major. Education majors typically have cumulative GPAs of 3.0 or better, perform well across all subject areas, are mature, demonstrate professional readiness and are committed to supporting the development of children or adolescents.

The School of Education also offers the following course to Hunter students who have not applied for admission to an SOE program:

EDUC 25000 - Introduction to Urban Education: Topics and Issues around Diversity and Equity (W)

**Admissions: How to Apply**
To apply to Hunter College, students must complete the CUNY undergraduate application, which is available online at www.cuny.edu/apply.

Freshmen and transfer students are encouraged to apply by February 1 for the fall semester and September 15 for the spring semester. Students should complete the online application and submit the application processing fee and all supporting documentation as early as possible to guarantee full consideration for admission and scholarship aid.

Application Fees
- $65 freshman
- $70 transfer

Admissions: International Students Office

For more information, contact the International Students Office, Hunter College, 695 Park Avenue, Room 1109 Hunter East, New York, NY 10065; telephone: (212) 772-4864; e-mail: intlss@hunter.cuny.edu.

Policies governing the Office of Admissions and the International Students Office are based on policies and practices recommended by NAFSA, AACRAO and other educational organizations.

Adolescent Education

Students who want to become teachers in secondary schools must complete the adolescent education sequence of 23 credits and may also have to take some liberal arts courses beyond those required for the Hunter Core Requirement. In order to be admitted to this program, students must apply to the School of Education. See School of Education for the admission process. The adolescent education program leads to initial NYS certification.

Adolescent Mathematics, Grades 7-12 - BA

Liberal Arts and Sciences Major Requirements

33-credit major in mathematics Mathematics - BA plus one year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent).

Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

- MATH 12500 (STEM) - Precalculus (prereq to MATH 15000)
- MATH 15000 (STEM) Calculus I
- MATH 15500 (STEM) Calculus II

Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

Major
To enter the standard Mathematics Major, the student should have completed the Foundational Courses of one year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent). The major consists of at least 33 credits of coursework: 24 credits of core curriculum courses and at least 9 credits of advanced elective courses chosen by students according to their career plans. Proficiency in symbolic computation is also required.

**Major Core Curriculum (24 cr)**

- MATH 15600 Introduction to Mathematical Proof Workshop
- MATH 25000 Calculus III
- MATH 25400 Ordinary Differential Equations
- MATH 25500 Vector Analysis
- MATH 26000 Linear Algebra
- MATH 31100 Abstract Algebra I
- MATH 35100 Mathematical Analysis I
- STAT 21300 (STEM) Introduction to Applied Statistics -or- STAT 31100 Probability Theory

**Elective Courses**

The student must complete three 3-credit approved elective courses. The elective courses must be chosen from the 300- or 400-level courses in mathematics or statistics listed by the department. Factors affecting the choice of courses will include the student's career goals (preparation for graduate study; education; careers in business, government service or industry), the student's other major, where applicable, and the availability of courses due to the course rotation schedule. A 300-level course may be replaced by a graduate level course approved by a departmental adviser.

**Symbolic Computation Proficiency Requirement**

As a requirement for graduation with a BA in Mathematics, students must demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:

a) passing any of

- MATH 12600 Precalculus Technology Laboratory
- MATH 15400 An Introduction to Symbolic Computation
- MATH 38500 Numerical Methods I

b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

**Adolescent Physics, Grades 7-12 - BA**

**Liberal Arts and Sciences Major Requirements**

30-credit major in physics.

**Physics Option 1**

For students in the BA/MA program, students intending to teach grades 7-12, and students intending to enter the medical profession.

**Foundational Courses (9 credits)**

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.
• MATH 12500 (STEM) Precalculus
• MATH 12600 Precalculus Technology Laboratory
• MATH 15000 (STEM) Calculus I

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

Major

A. Introductory Physics: Two Semesters

• PHYS 11100 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound
• PHYS 12100 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

B. 22- to 24-credit concentration in physics courses at the 200 level and higher:

• PHYS 22100 Electronics
• PHYS 33000 Atomic and Nuclear Physics
• PHYS 33400 Intermediate Electricity and Magnetism
• PHYS 33500 Intermediate Mechanics

C. Any Three of the following 5 courses:

• PHYS 22200 Electronics Laboratory
• PHYS 23000 Classical Physics Laboratory
• PHYS 23500 Modern Physics Laboratory
• PHYS 38500 Numerical Methods I
• PHYS 48500 Numerical Methods II

D. Required Allied Courses (Math & Chemistry) 15-26 credits:

• MATH 15000 (STEM) Calculus I
• MATH 15500 (STEM) Calculus II
• MATH 25000 Calculus III
• MATH 25400 Ordinary Differential Equations
• CHEM 10200 (STEM) General Chemistry I
• CHEM 10400 (STEM) General Chemistry II
• CHEM 10600 (STEM) General Chemistry Laboratory

NOTE: The chemistry courses may be substituted by one year of high-school-level chemistry. Together, the introductory physics and the Option 1 concentration (33-35 credit total) satisfy the major requirement for initial certification as a teacher of physics in grades 7-12. Option 1, together with the MA (see the Physics - BA/MA), is recommended for students planning to pursue a PhD in physics.

Preparation for Teaching

The Option 1 major in physics satisfies the requirements for NY State initial certification of at least 30 credits for teachers in adolescent education: physics (grades 7-12). Students planning to become physics teachers at the secondary level should take the 23-credit sequence in secondary education.

Students preparing to teach physics are advised to include the following courses or their equivalents in their undergraduate program:

• ASTRO 10100 Basic Concepts of Astronomy with Laboratory Exercises
• GEOL 10000 Introduction to Geology
• BIOL 10000 (STEM) Principles of Biology I

Adolescent Social Studies, Grades 7-12 - BA

Liberal Arts and Sciences Major Requirements

A history major for adolescent teachers. See History for Adolescent Education (Social Studies)

History for Adolescent Education (Social Studies)

Foundational Courses (9 credits)

At least 6 credits of Foundational Courses must be completed to declare the major. The remaining 3 credits can be completed along with the major.

- HIST 15100 The United States from the Colonial Era to the Civil War (W)
- HIST 15200 The United States from the Civil War Era to the Present (W)
- GEOG 15000 World Regions in Global Context -or- GEOG 10100 People and Their Environment

Major (33 credits)

Geography (6 credits)

- GEOG 22100 Economic Geography and Globalization
- GEOG 24100 Population Geography (W)
- GEOG 24300 Urban Geography
- GEOG 24700 Cultural Geography
- GEOG 30500 Special Topics in Urban and Regional Dynamics
- GEOG 30600 Special Topics in Contemporary Regional Geographies
- GEOG 32800 Urban Environmental Problems: Evaluations and Solutions

Political Science & Economics (6 credits)

- ECO 10000 Introduction to Economics
- POLSC 11000 American Government: A Historical Introduction

History (21 credits)

- A maximum of 6 credits in history courses at the 100-level and a minimum of 9 credits in history courses at the 300-level or above. Foundational courses do not count toward the History credits.

World/Non-US History (12 credits)

including a least three credits in each of the following categories (courses may be used to count toward only one category; described category must comprise 50% or more of course content for course to qualify):

1) Pre-1800

2) non-Europe

3) Europe

4) One additional World/Non-US History

US History (6 credits)

- all above the 100-level

Keystone Course in History (3 credits)
SWIM or SYNC: History Practicum or any dedicated seminar or Honors course at the 400 level approved by the Undergraduate Advisor and/or the Department Chair, as involving significant writing in the major ("SWIM") or graduate-level history course (700-level) available with permission to graduating seniors (Senior Year Non-Traditional Course; "SYNC")

Advanced Placement (AP)

Students need to score at least a 3 on the AP exam to earn credit and/or exemptions from requirements (some exams may require a 5). For more information on how Hunter evaluates AP exams for credit see our Advanced Placement (AP) Examination Course Equivalencies sheet.

Advanced Placement and College-Level Courses Taken while in High School

A maximum of 30 transfer credits can be awarded to students in a freshmen status through the following programs; College Entrance Examination Board Advanced Placement (AP), College-level Examination Program (CLEP), International Baccalaureate (IB) Exam and any college-level courses. Certain academic departments may have restrictions on the award of credits by examination. Check with the department.

Africana and Puerto Rican/Latino Studies

Return to: Faculty of the School of Arts and Sciences

Jillian Báez, Associate Professor, Africana and Puerto Rican/Latino Studies; BA Hunter; PhD University of Illinois at Urbana-Campaign

Yarimar Bonilla, Professor, Africana and Puerto Rican/Latino Studies; BA University of Puerto Rico; MA University of New Mexico; PhD University of Chicago

Anthony Browne, Associate Professor and Chair, Africana and Puerto Rican/Latino Studies; BA Cornell, MA California (Los Angeles), MA, PhD Columbia

James Cantres, Assistant Professor, Africana and Puerto Rican/Latino Studies; BA Vassar; PhD New York University

Milagros Denis-Rosario, Associate Professor, Africana and Puerto Rican/Latino Studies; BA University of Puerto Rico, MPS Cornell, PhD Howard

Joanne Edey-Rhodes, Lecturer, Africana and Puerto Rican/Latino Studies; BA LIU; MA, MPhil Columbia

Veronica M. Gregg, Associate Professor, Africana and Puerto Rican/Latino Studies; BA West Indies, MA Queens (Canada), PhD Kent (UK)

Ehiedu Iweriebor, Professor, Africana and Puerto Rican/Latino Studies; BA, MA Ibadan (Nigeria), PhD Columbia

Lázaro Lima, Professor, Africana and Puerto Rican/Latino Studies; PhD University of Maryland at College Park

Arlene Torres, Associate Professor, Africana and Latino/Puerto Rican Studies; BA Colgate, MA, PhD University of Illinois at Urbana-Champaign
Alumni Association

1313B Hunter East; (212) 772-4087

The Alumni Association of Hunter College, composed of 85,000 women and men graduates of the college, has been in continuous existence since 1872. Membership is automatic upon graduation from any Hunter College degree program.

The Association provides opportunities for alumni to become actively involved in the life of the college and serves as the link between Hunter and its graduates. In addition to providing vital support for scholarships and academic programs, members participate in a variety of chapter and on-campus activities, including lectures, faculty round tables, workshops and book discussion groups.

Members can take advantage of campus facilities with the Alumni Card, which provides access to the college libraries, Sportsplex, instructional computing center, Chanin Language Center and career development services. Alumni can attend association meetings in January and May and stay informed about activities through the publication, At Hunter.

Ancient and Medieval

- ARTH 20500 Egyptian Art
- ARTH 21500 Greek Art
- ARTH 21600 Roman Art
- ARTH 25200 Ancient Architecture
- ARTH 22000 Early Medieval Art
- ARTH 22100 Later Medieval Art
- ARTH 25300 Medieval Architecture
- ARTH 31100 Special Topics Lecture in Ancient Art (W)
- ARTH 32100 Special Topics Lecture in Medieval Art (W)
- ARTH 41000 Advanced Studies Seminar in Ancient Art (W)
- ARTH 42000 Advanced Studies Seminar in Medieval Art
- CLARC 22000 Aegean Archaeology (W)
- CLARC 22100 Greek Archaeology (W)
- CLARC 22200 Roman Archaeology I: Etruscans, Monarchy, Republic (W)
- CLARC 32100 Archaeology of Egypt (W)
- CLARC 32500 Archaeology of Eastern Mediterranean (W)
- CLA 24000 Topics in Classics

Anthropology

Return to: Faculty of the School of Arts and Sciences

Andrea Baden, Assistant Professor; PhD, Stony Brook; Primate ecology, conservation; Madagascar

Jacqueline N. Brown, Associate Professor; PhD, Stanford; Diasporic Subjectivities, Race, Space and Place, Transnationalism and the Local, Black Identities, Britain, US

Ignasi Clemente Pesudo, Assistant Professor; PhD, UCLA; Anthropology and linguistics, childhood studies; chronic illness, communication and culture in the care of disabled, chronically and terminally ill children;
psychosocial approaches to pain and suffering; applied work in healthcare communication; and multimodality and corporeality

**Leo Coleman**, Associate Professor and Chair; PhD, Princeton; Political and Legal Anthropology, technology and culture, environment and energy politics, urbanism, infrastructure, constitutionalism, India, Scotland

**Gerald W. Creed**, Professor; PhD, CUNY; Political/Economic Anthropology, Families and Households, Rural Societies, Ritual, Eastern Europe; Joint Appointment with Graduate Center

**Marc Edelman**, Professor; PhD, Columbia; Political and Historical Anthropology, Social Movements, Latin America; Joint Appointment with Graduate Center

**Christopher C. Gilbert**, Professor; PhD, Stony Brook; Primate Evolution, Human Evolution, Old World Monkeys, Phylogenetic Systematics, Biogeography, Ecomorphology, Morphometrics

**Megan Hicks**, Assistant Professor; PhD, CUNY; Archaeology, Colonialism, Zooarchaeology, North Atlantic.

**David Hodges**, Professor; PhD, NYU; U.S. Race Relations, Civil Rights, Human Rights, Application of Anthropology to Education, Prison Education and Prison Reform

**Stephanie Levy**, Assistant Professor; PhD, Northwestern; Biological Anthropology, Human Biology, Energetics, Health, Siberia

**Thomas H. McGovern**, Professor; PhD, Columbia; Archaeology, Paleoecology, Faunal Analysis, Norse and Inuit Cultures, Human Dimensions of Global Change

**Laura Palermo**, Doctoral Lecturer; PhD, Cornell; Viruses, Microbiology, Public and global health, Global history of Disease

**William J. Parry**, Professor; PhD, Michigan; Lithic Analysis, Hunter-Gatherers, Southwest U.S., Mesoamerica

**Jessica Rothman**, Professor; PhD, Cornell; Primate Ecology and Behavior, Nutrition, Evolutionary Ecology, Tropical Forest Ecology, Africa

**Jonathan Shannon**, Professor; PhD, CUNY; Cultural Anthropology, Performance, Ethnomusicology, Migration, Food, Middle East, Mediterranean

**Milena Shattuck**, Doctoral Lecturer; PhD, University of Illinois; Primate genetics, Molecular evolution, Ecological Genetics, Behavior, Endocrinology, Behavior, Endocrinology, Sexual selection and Sexual conflict, Life history

**Michael Steiper**, Professor; PhD, Harvard; Biological Anthropology, Molecular Evolution and Phylogenetics, Population Genetics, Primates

**Ida Susser**, Distinguished Professor; PhD, Columbia; Medical Anthropology, Contemporary U.S., Urban, Political Economy, Gender, South Africa

---

**Appeals - Rules and Regulations**

Please note that all appeals for exceptions and/or substitutions to the General Education Requirements, Hunter Core Requirements and Distribution Requirements will now be heard in the Hunter College Senate, Room 1018 East building. Please access the following link to file an online appeal application http://www.hunter.cuny.edu/senate/gerappeals
All appeals for dean's list, change of administrative grades (WU, WN, FIN) to retroactive withdrawals and fulfillment of the foreign language requirement with four years of high school language study remain in the Office of Advising, room 1119 east building.

Appeals- General Education Requirements

Students seeking to appeal for substitutions to or exemptions from any general education requirement must begin by filing an appeal with the General Education Requirements Appeals Committee of the Hunter College CUNY Senate. Students who follow the Hunter Core (adopted fall 2013) may file appeals regarding the CUNY Common Core or the Hunter Focus (Foreign Language, Concentrated Study, or Pluralism and Diversity). Students who follow the General Education Requirement or Distribution Requirement may also appeal to this committee and should see this document [http://www.hunter.cuny.edu/senate/general-education-requirements-appeals. Appeals must be filed in accordance with the following procedures:

1. The student must submit a complete application for appeal: [http://geappeal.hunter.cuny.edu]. Incomplete applications will be returned to the student without consideration by the appeals committee. This action will not be regarded as a denial of the appeal. The appeals committee may request additional documentation in support of an appeal. Students must respond to such requests within 30 days or reapply with a complete application.

2. The student must present clear evidence that deviation from the prescribed program in the catalog is necessary and reasonable, and that any proposed substitutions adequately meet the academic objectives of the requirement.

3. Appeals for experimental courses completed at Hunter College but not yet approved by the Undergraduate Course of Study Committee as fulfilling a general education requirement must be supported with a class action letter from the department or program that offered the course. Such appeals will be considered only for Pluralism and Diversity or for the Hunter Focus—not for the CUNY Common Core.

4. The student must present clear evidence that a course transferred from another college or university fulfills the academic objectives of the requirement. Petitions for satisfaction of CUNY Common Core Requirements must include indication of which learning outcomes were met in the course and how they were met.

5. The appeals committee will respond to appeals requests on or about the 15th and the 30th of each month during the spring and fall semesters when Hunter College classes are in session. The committee does not review appeals for currently enrolled students between June 1 and September 1 of the same year.

Special Appeals

For other appeals for deviations or exemptions from other academic requirements or policies, students should confer with The Office of Advising. Special appeals include appeals to follow the General Education Requirement (GER), effective Fall 2001-Spring 2013, and the Distribution Requirement, effective Fall 1986-Spring 2001, rather than the Hunter Core.

Notice! There are no appeals for Writing Intensive—'W' designated—courses. All 'W' courses must be completed at Hunter College. Note that not all sections of a course are necessarily offered with significant writing every semester. The 'W' designated courses (or specific sections thereof) for a particular semester are listed in the Schedule of Classes each semester. To satisfy a writing requirement, a particular section must be designated as 'W'.

Grades
When a student considers a final course grade unsatisfactory, the student should first confer with the instructor regarding the accuracy of the grade received. This conference should be held within the first three weeks of the semester following receipt of the grade. At this time, errors may be corrected. If the grade is not an error, the student and instructor must together review all class material pertinent to the grade. If the student is not satisfied or if the instructor does not confer with the student within the first three weeks of the semester, the student should promptly contact the department chair by submitting a written appeal, consisting of a statement giving the factual reasons and basis for the complaint. The student has the right to request in writing that the chair appoint a student as a member of the department/school Grade Appeals Committee. This appeal at the department/school level must be submitted within the first five weeks of the semester following receipt of the grade, in accordance with the "College-wide Grade Appeals Procedures" adopted by the Senate in fall 1985. Copies of this procedure may be obtained in the Senate Office, the Office of Advising or academic departmental offices. Students appealing grades to the School of Nursing, the School of Urban Public Health or the School of Health Professions should direct their appeal to the dean of the School of Nursing. Students appealing grades to the School of Social Work should direct the appeal to the dean of the school, who shall carry out the responsibilities of the department chair.

**Application Procedure**

Complete the Free Application for Federal Student Aid (FAFSA) on the Web online at www.fafsa.ed.gov. When the student completes the FAFSA (Free Application for Federal Student Aid), Hunter College should be included among the colleges to which the application information is reported. When the FAFSA is processed, CUNY will receive an electronic record of the student's application information. The student may be required to provide additional documentation to the Office of Financial Aid to verify the application information or to clarify any discrepancies in the application.

New York State resident students can apply for both federal and New York State aid during a single on-line session. After completing FAFSA on the Web, New York State residents are able to link to the TAP on the Web Form, which is pre-filled with their FAFSA data.

**Arabic Language, Literature, and Culture Program**

Return to: Classical and Oriental Studies

**Overview**

The Arabic Language, Literature, and Culture program teaches Arabic as a living language, focusing on both formal — usually referred to as Modern Standard Arabic (MSA) or Fusha — and informal Arabic. Instead of focusing on the translation of written texts, as Arabic has traditionally been taught, we teach our students how to read, speak, write and aurally comprehend the different registers of the language. We now offer a BA in Arabic. Graduates of the Arabic Major will have attained advanced linguistic training and will have a deep cultural knowledge that will prepare them for work in governmental and non-governmental organizations, business, human rights, and social services. In addition, graduates of the Arabic Program will have attained a broad array of knowledge and skills that will allow them to pursue advanced studies in a number of academic fields including anthropology, art history, religion, comparative literature, linguistics, history, Middle East Studies, philosophy, political science, and sociology. We offer a 7-course sequence of language courses, and a number both of advanced elective courses in Arabic and culture courses taught in English. Four semesters of Arabic or the equivalent fulfills the language requirement of Hunter (two semesters for Heritage Learners). We also offer two minors (Arabic and Arabic Studies).
Programs and Courses in Arabic

Administration and Faculty

Program Head: Alexander Elinson

email: aelinson@hunter.cuny.edu

Program Office: 1304 Hunter West (212) 772-5044

Web site: http://www.hunter.cuny.edu/classics/arabic/

Faculty

Alexander E. Elinson, Associate Professor, Arabic Studies, Classical and Oriental Studies; BA Massachusetts, MA Washington, MPhil, PhD Columbia

Christopher Reed Stone, Associate Professor, Arabic Studies, Classical and Oriental Studies; BA Haverford; MA, PhD Princeton

Art and Art History

Return to: Faculty of the School of Arts and Sciences

Nebahat Avcioglu, Associate Professor, Art History; BA Istanbul Technical University, PhD Cambridge

Andrea Blum, Professor and Associate Chair, Studio Art; BFA Boston Museum School of Fine Arts, MFA Art Institute of Chicago

Daniel Bozhkov, Associate Professor, Studio Art; Academy of Fine Arts, Sofia, Bulgaria, MFA Hunter

Emily Braun, Distinguished Professor, Art History; BA Victoria College, Toronto, MA, PhD NYU

A.K. Burns, Distinguished Lecturer, Studio Art; BFA Rhode Island School of Design, MFA Bard

Joel Carreiro, Professor, Studio Art; BFA Cornell, MFA Hunter

Wen-Shing Chou, Associate Professor, Art History; BA Chicago, MA, PhD UC Berkeley

Susanna Cole, Distinguished Lecturer; BA Brown, PhD Columbia

Susan Crile, Professor, Studio Art; BA Bennington

Lisa Corinne Davis, Professor, Studio Art; BFA Pratt, MFA Hunter

Thierry de Duve, Kossak Professor and Distinguished Lecturer, Art History; BA, MA University of Louvain, PhD Ecole des Hautes Etudes en Sciences Sociales, Paris
Hendrik Dey, Professor and Acting Chair, Art History; BA Middlebury, MA University of Durham, MA, PhD Michigan

Cynthia Hahn, Professor, Art History; BA Pennsylvania State, MA Chicago, PhD John Hopkins

Valerie Jaudon, Professor, Studio Art; St. Martins School of Art, London

Paul Ramirez Jonas, Professor, Studio Art; BA Brown, MFA Rhode Island School of Design

Lynda Klich, Assistant Professor, Art History; BS St. Joseph's, MA Hunter, PhD Institute of Fine Arts, NYU

Reiner Leist, Professor, Studio Art; BFA Cape Town (South Africa), MFA School of Visual Arts

Michael Lobel, Professor, Art History; BA Wesleyan, MA, PhD Yale

Maria Loh, Professor and Associate Chair, Art History; BA McGill, MA, PhD Toronto

Jeffrey Mongrain, Distinguished Professor, Studio Art; BFA Minnesota, MFA Southern Illinois

Harper Montgomery, Assistant Professor, Art History; MA Columbia University, PhD University of Chicago

Carrie Moyer, Professor and MFA Director, Studio Art; BFA Pratt, MA NY Institute of Technology, MFA Bard

Maria Antonella Pelizzari, Professor, Art History; Laurea Degree University of Genova, PhD New Mexico

Joachim Pissarro, Bershad Professor of Art History and Director of the Hunter College Galleries; MA Courtauld Institute, London, PhD Texas (Austin)

Juan Sánchez, Professor, Studio Art; BFA Cooper Union, MFA Rutgers

Alexandro Segade, Distinguished Lecturer, Studio Art; BA, MFA UCLA

Howard Singerman, Professor and Phyllis and Joseph Caroff Chair, BA Antioch, MFA Claremont, PhD Rochester

Nari C. Ward, Distinguished Professor, Studio Art; BFA Hunter, MFA Brooklyn

Thomas Weaver, Professor, Studio Art; BA California (Santa Cruz), MFA Hunter

Brian Wood, Professor, Studio Art; BA Saskatchewan (Canada), MFA Hunter

Tara Zanardi, Associate Professor; BA Delaware, MA, PhD Virginia

Asian American Studies

Return to: Faculty of the School of Arts and Sciences

John Chin, Professor, Urban Policy & Planning; MS School of Social Research, PhD, MPhil Columbia

Margaret M. Chin, Associate Professor, Sociology; BA Harvard-Radcliffe, MA, PhD Columbia

Vivian Louie, Professor, Urban Policy & Planning and Asian American Studies Program Director; BA Harvard-Radcliffe, PhD, Yale
Joong Oh, Professor, Sociology; BA Pusan National Univ. (Korea), MA, PhD South Carolina

Rupal Oza, Associate Professor, Women and Gender Studies; MA Temple, PhD Rutgers

Angela Reyes, Professor, English; BA Michigan State, MSEd Penn State, PhD Pennsylvania

Chong Chon-Smith, Associate Professor, English; BA Texas (Austin), MA Hawai'i (Manoa), PhD California (San Diego)

Assembly and Meeting Hours

Dean's Hour, scheduled on Wednesdays from 1:10-3:00 PM, is a time block reserved for official college assemblies, club/organizational meetings, guidance meetings, and other academic/administrative purposes. No classes will be scheduled at this time.

Assembly Hall

Hunter North Lobby- Room 118 HN

The Assembly Hall is Hunter's largest performance venue. With a seating capacity of 2,079, the hall hosts performances by the Hunter College Symphony, concerts, meetings, forums and a variety of other events. Anyone interested in reserving the Assembly Hall for an event should contact the Office of Central Reservations at (212) 772-4872.

Assignment of Credit Hours to Courses

The assignment of credit hours to courses at Hunter College complies with the New York State Education Department's procedures:

"Semester hour means a credit, point, or other unit granted for the satisfactory completion of a course which requires at least 15 hours (of 50 minutes each) of instruction and at least 30 hours of supplementary assignments, except as otherwise provided pursuant to section 52.2(c)(4) of this Subchapter. This basic measure shall be adjusted proportionately to translate the value of other academic calendars and formats of study in relation to the credit granted for study during the two semesters that comprise an academic year."

See www.highered.nysed.gov/ocue/aipr/Part50.htm

Athletic Program Participation Notice

The college files an annual report with the US secretary of education on intercollegiate athletics which includes information on the participation of males and females on its teams and the expenditures and revenues of those teams. Copies of the annual report on intercollegiate athletics are available at the reference desk of the library.

Attendance Policies
All students must report to classes during the first week of classes. Students will lose their place in some classes if they do not attend the first class meeting, and will be given the “never attend” grade of WN. Although this grade won't appear on an official transcript, the student is liable for payment depending on the date the instructor notifies the Registrar's Office of missing attendance.

Although Hunter is not an attendance-taking institution, the instructor has the right to set attendance as one of the requirements for the course, thus using attendance in the calculation of final grades. Such attendance policies will be listed in the course syllabus.

Attendance Requirements for Nursing

Generic Program and Accelerated 2nd Degree Program students complete coursework online except for NURS 48000 Promotion of Wellness in the Community which is a clinical course. RN students may do full- or part-time study.

Auditing

- Currently enrolled degree and non-degree students: Students register for the course online at their CUNYfirst account and then provide a letter on letterhead stationery, signed by the Chairperson of the academic department which offers the course and approving that the course may be taken for AUDIT grade. This letter must be delivered to the One Stop, Room 217 North Building before the last day of the first week of classes during posted office hours. See www.hunter.cuny.edu/onestop/hours-of-operation for office hours. This option is only available through the first week of classes for each semester or term. Audit status will not be posted for students after the last day of the first week of classes. Audit grade status cannot be reversed once posted.
- Senior Citizens: Students classified as Senior Citizens by the college may register for courses as auditors only.
- Newly admitted and/or readmitted degree and non-degree students: Consult with the Office of Advising, Room 1119 East Building.
- Auditors pay mandated tuition and fees. For more information, visit: http://www.hunter.cuny.edu/onestop/finances/billing/costs-tuition-fees. No credit or grade will be given for audited classes.

Auditing Courses

Auditors receive neither grades nor academic credit for their courses. Individuals enrolling under this program pay fees totaling approximately $80 each semester.

Biological Sciences

Return to: Faculty of the School of Arts and Sciences

Adrienne Alaie, Assistant Professor; BA Bennington, PhD CUNY

Jesus Angulo, Professor; BA, MA Hunter, PhD CUNY

Jill Bargonetti-Chavarria, Professor; BA SUNY at Purchase, PhD NYU
Diana Bratu, Associate Professor; BA, MS, PhD NYU School of Medicine

Derrick Brazill, Professor and Chair; BS Stanford, PhD California at Berkeley

Robert P. Dottin, Professor; BS, MS, PhD; University of Toronto

Laurel A. Eckhardt, Marie Hesselbach Professor; BA Texas at Austin, PhD Stanford

Paul G. Feinstein, Associate Professor; BA Penn, PhD Columbia College of Physicians and Surgeons

Maria Figueiredo-Pereira, Professor; BSc, MSc, University of Lisbon, Portugal, PhD, NYU

David A. Foster, Rosalyn S. Yalow Professor; BA California at Berkeley, MA, PhD Columbia

Allyson K. Friedman, Assistant Professor; BA Barnard, PhD Mount Sinai School of Medicine

Mitchell Goldfarb, Professor; BS, PhD MIT

Janette Gomos-Klein, Doctoral Lecturer; BS Ohio State, PhD CUNY

Lon Seth Kaufman, Professor and Provost; BA Queens, PhD SUNY at Stonybrook

Konstantinos Krampis, Associate Professor; BS, MS University of Athens, PhD Virginia Tech

Ekaterina Likhtik, Assistant Professor; BA Barnard, PhD Rutgers

Diego Loayza, Associate Professor; BS University of Geneva, MA Princeton, PhD Johns Hopkins

Carmen Melendez-Vasquez, Associate Professor; BSc Universidad Central de Venezuela, MSc Instituto Venezolano de Investigaciones Científicas, PhD London University, England

Olorunseun Ogunwobi, Associate Professor; Bachelor of Medicine, Bachelor of Surgery University of Ibadan, Nigeria, MS University of Hull, MS University of Florida, PhD University of East Anglia, UK

Benjamin Ortiz, Professor and Deputy Chair; BA Hunter, PhD Stanford

Weigang Qiu, Professor; BSc, Biochemistry, Fudan University, China, PhD SUNY at Stony Brook

Jayne Raper, Professor; BSc University of Newcastle upon Tyne, PhD University of Cambridge, England

Shirley Raps, Professor; BS Brooklyn, PhD Illinois

Samantha Sheppard-Lahiji, Doctoral Lecturer; BS John Jay, PhD CUNY

Patricia Rockwell, Professor; BSc Gwynedd Mercy, MSc Wright State, PhD CUNY

Thomas Schmidt-Glenewinkel, Associate Professor; BSc, PhD University of Frankfurt

Hualin Zhong, Assistant Professor; BA Nanjing University, MS Shanghai Institute of Biochemistry, PhD Rutgers

**Biological Sciences: Basic concentration**

Liberal Arts and Sciences Major Requirements
37 credits in Biology plus 33.5-36.5 credits in required additional science and math courses (total 70.5 to 73.5 credits).

**Biological Science: Basic Concentration**

**Foundational Courses**

Foundational Courses for the Biology Major (all concentrations) must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

- MATH 12500 (STEM) Precalculus
- MATH 12600 Precalculus Technology Laboratory

**Hunter Core Requirement**

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

**Major**

The basic major is for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. Students planning to pursue the biology major are strongly encouraged to declare their major as soon as possible after completing one semester of Principles of Biology. Declared majors are assigned a permanent faculty advisor who will assist in individual curriculum planning. Students are required to meet with their advisor at least once each semester throughout their undergraduate career to discuss their program and progress.

**A. Introductory Biology (9 cr.)**

- BIOL 10000 (STEM) Principles of Biology I
- MATH 10200 Mathematics and Everyday Life

**B. 200-level and higher Concentration in Biology (24.5 cr.)**

**1. Required Courses (13.5 cr.)**

- BIOL 20300 Molecular Biology and Genetics
- BIOL 30000 Biological Chemistry
- BIOL 30300 Cell Biology

**2. Electives (11 credits)**

Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, at least one special-topics course must be taken (BIOL 47000 or BIOL 47100 or BIOL 79000; various topics offered each semester) in addition to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major (e.g. BIOL 12000, BIOL 12200 and BIOL 23000). Please
read the course descriptions carefully to identify those courses. If you have any questions about which courses can be used as major electives, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits are taken as a BIOL 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course. Laboratory research credits can also be obtained from BIOL 61000. Together, introductory biology and the concentration (33.5 cr.) satisfy the major requirement for certification as a teacher of biology in grades 7-12.

Additional science and math requirements for the major:

- CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM), CHEM 22200, CHEM 22300, CHEM 22400
- PHYS 11000 (STEM), PHYS 12000 (STEM), PHYS 11100 (STEM), PHYS 12100 (STEM)
- MATH 15000 (STEM), MATH 15500 (STEM) or STAT 21300 (STEM)

Allied courses credits required

- 37.5-44.5, including MATH 12500 (STEM) or placement test.

Biological Sciences: Basic concentration - BA

Return to: Biological Sciences- BA

The basic major is for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. Students planning to pursue the biology major are strongly encouraged to declare their major as soon as possible. Declared majors are assigned a permanent faculty advisor who will assist in individual curriculum planning. Students are required to meet with their advisor at least once each semester throughout their undergraduate career to discuss their program and progress.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement. In the case of the Biology major: Basic Concentration, the courses that meet CCCR are:

- BIOL 10000 (STEM) - Principles of Biology I - Life and Physical Sciences (LPS) and Scientific World (SW)
- BIOL 10200 (STEM) - Principles of Biology II - Life and Physical Sciences and Scientific World
• Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Major (67-83 credits)**

This major consists of 9 credits of introductory biology (BIOL 10000 (STEM)-BIOL 10200 (STEM) ) and a 24.5-credit concentration in biology at the 20000-level and higher. The biology concentration consists of a 13.5-credit core—BIOL 20300, BIOL 30000, BIOL 30300—and 11 credits of electives. Together, introductory biology and the concentration (33.5 credits) satisfy the major requirement for certification as a teacher of biology in grades 7-12. Additional science and math requirements for Major I are listed below.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

**Math Sequence (3-17 credits)**

- MATH 10100 - Algebra for College Students * -or- MATH 101EN Algebra for College Students - Enhanced *
- MATH 10150 - Mastery of Symbolic Computation *
- MATH 12400 (STEM) - College Algebra and Trigonometry * -or- MATH 12500 (STEM) Precalculus* - or- MATH 12550 (STEM) Precalculus with Workshop*
- MATH 14000 - Mathematical Reasoning Workshop * unless students earn a grade of B- or above in MATH 12550 (STEM)
- MATH 15000 (STEM) - Calculus I *
- MATH 15500 (STEM) - Calculus II * -or- MATH 15200 (STEM) Calculus for Life and Social Sciences*
- STAT 21300 (STEM) - Introduction to Applied Statistics *

**A. Introductory Biology (9 credits)**

- BIOL 10000 (STEM) - Principles of Biology I
- BIOL 10200 (STEM) - Principles of Biology II

**B. 200-level and higher Concentration in Biology and Additional Courses (55-57 credits)**

**1. Required Courses (44-46 credits)**

- BIOL 20300 - Molecular Biology and Genetics
- BIOL 30000 - Biological Chemistry
- BIOL 30300 - Cell Biology
- CHEM 10200 (STEM) - General Chemistry I *
- CHEM 10400 (STEM) - General Chemistry II *
- CHEM 10600 (STEM) - General Chemistry Laboratory *
- CHEM 22200 - Organic Chemistry Lecture I *
• CHEM 22300 - Organic Chemistry Laboratory I *
• CHEM 22400 - Organic Chemistry Lecture II *
• PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound *
• PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics * -or- PHYS 11100 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound* *
• PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics *
• *These courses may be counted for credit in more than one program.

2. Electives (11 credits)

Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, at least one special-topics course must be taken (BIOL 47000 or BIOL 47100 or BIOL 79000; various topics offered each semester) in addition to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major (e.g. BIOL 12000, BIOL 12200 and BIOL 23000). Please read the course descriptions carefully to identify those courses. If you have any questions about which courses can be used as major electives, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits are taken as a BIOL 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course. Laboratory research credits can also be obtained from BIOL 61000. Together, introductory biology and the concentration (64.5 credits) satisfy the major requirement for certification as a teacher of biology in grades 7-12.

Note(s)

*We recommend that math, physics and chemistry courses be completed as early as the student's schedule allows. Note that CHEM 22200 and CHEM 22300 must be taken prior to BIOL 30000; otherwise, instructor permission is required. Students who are behind in the chemistry sequence are urged to take advantage of the summer session, during which these chemistry courses are usually offered.

Biological Sciences: Career Planning

Return to Biological Sciences Department

Graduate Study The department offers a master of arts in the biological sciences and courses taken in the MA program can later be credited toward the PhD upon acceptance into the CUNY doctoral program in biology. Interested students should obtain the Hunter College graduate catalog and contact the biology master's program adviser. Laboratory research under faculty supervision (see undergraduate research, below) is extremely valuable for gaining admission to graduate schools. Students planning to apply to graduate school should consult with their adviser as early in their college career as possible.
Professional Schools: Students who plan to apply to schools of medicine, dentistry or veterinary medicine should consult with their adviser and see the preprofessional adviser on the 12th floor of Hunter East.

Preparation for Teaching: In cooperation with the School of Education, the Department of Biological Sciences offers opportunities for students to prepare for a teaching career in elementary and secondary schools. The basic major in biology satisfies the requirements for New York State certification of at least 30 credits for teachers in adolescent education, grades 7-12.

Preparation for Biotechnology: Students interested in careers in the rapidly growing field of biotechnology should select the major in biology and consult with their adviser as early as possible. Advanced courses taken as electives should include BIOL 61000 (see Hunter graduate catalog) and those special topics courses (BIOL 47000-BIOL 47100) that are most relevant to biotechnology. Qualified students are also encouraged to pursue the BA/MA Program in Biotechnology. Interested biology majors who have completed BIOL 300 should contact Dr. Patricia Rockwell as early as possible.

**Biology Courses (67-83 Credits)**

Math Courses (3-17 credits)
- MATH 10100 - Algebra for College Students*
- MATH 101EN - Algebra for College Students - Enhanced*
- MATH 10150 - Mastery of Symbolic Computation*
- MATH 12400 (STEM) - College Algebra and Trigonometry*
- MATH 12500 (STEM) - Precalculus*
- MATH 12550 (STEM) - Precalculus with Workshop*
- MATH 14000 - Mathematical Reasoning Workshop * unless students earn a grade of B- or above in MATH 12550
- MATH 15000 (STEM) - Calculus I*
- MATH 15500 (STEM) - Calculus II*
- MATH 15200 (STEM) - Calculus for Life and Social Sciences*
- STAT 21300 (STEM) - Introduction to Applied Statistics*

A. Introductory Biology (9)
• BIOL 10000 (STEM) - Principles of Biology I
• BIOL 10200 (STEM) - Principles of Biology II

B. 200-level and higher Concentration in Biology and additional courses (55-57 credits)

1. Required Courses (44-46)
• BIOL 20300 - Molecular Biology and Genetics
• BIOL 30000 - Biological Chemistry
• BIOL 30300 - Cell Biology
• CHEM 10200 (STEM) - General Chemistry I*
• CHEM 10400 (STEM) - General Chemistry II*
• CHEM 10600 (STEM) - General Chemistry Laboratory*
• CHEM 10600 (STEM) - General Chemistry Laboratory*
• CHEM 22200 - Organic Chemistry Lecture I*
• CHEM 22300 - Organic Chemistry Laboratory I*
• CHEM 22400 - Organic Chemistry Lecture II
• PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*
  - and -
• PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics*
  - or -
• PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*
  - and -
• PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics*
*These courses may be counted for credit in more than one program.

2. Electives (11 credits)

Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, at least one special-topics course must be taken (BIOL 47000 or BIOL 47100 or BIOL 79000; various topics offered each semester) in addition to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major (e.g. BIOL 12000, BIOL 12200 and BIOL 23000). Please read the course descriptions carefully to identify those courses. If you have any questions about which courses can be used as major electives, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits are taken as a BIOL 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course. Laboratory research credits can also be obtained from BIOL 61000.
Biology with Specialization in Biotechnology - MA

Admission Requirements

GPA 3.0
GRE (general part) to be taken before registering for 700-level courses
Baccalaureate degree in biology or related fields

Degree Requirements

30 credits plus a passing grade on a comprehensive examination or a thesis

- BIOL 62000 - Internship

Core Courses for the MA (21-28 credits)

- BIOL 71401 - Cell Biology
- BIOL 71013 - Molecular Biology Lecture
- BIOL 70005 - Genetics
- BIOL 75003 - Developmental Biology
- BIOL 61000 - Workshop in Biotechnology
- BIOL 62000 - Internship

Electives (5-13 credits)

Additional Information

For additional elective courses, consult department adviser.

Return to: Biological Sciences

Brookdale Center for Healthy Aging

Executive Director

Ruth Finkelstein, Professor; ScD, John Hopkins University
The Brookdale Center for Healthy Aging, located in East Harlem, is dedicated to improving the lives of older adults through research, demonstration projects, policy and professional development. We work to ensure that aging is framed not as a disease, but as another stage in the life course.

Founded in 1974 by Dr. Rose Dobrof, Brookdale was one of the country's first academic gerontology centers with a focus on social gerontology and elder law. The Sadin Institute for Law and Public Policy, a Brookdale program, was created in 1977 by Samuel Sadin to train law students and provide continuing legal education to elder law practitioners. Over the decades, Brookdale has supported generations of professionals and paraprofessionals committed to improving the lives of older adults while nurturing legal and policy experts in aging equity.

Today, under the guidance of Executive Director Dr. Ruth Finkelstein, Brookdale works with community, academic, and governmental partners to ensure that New York City is a great place to grow old. Our work crosses disciplines with a focus on community-based participatory research and the development and evaluation of new policy and practice solutions. We communicate what we learn to the people with the power to transform the lives of older adults: policymakers and our colleagues in the field of aging.

Hunter undergraduate and graduate students have gained experience through internships and practica at Brookdale. Our project areas include work and aging, HIV and aging, sexuality and gender diversity, financial exploitation, housing and urban environments, arts and aging, and cumulative disadvantage.

Brookdale Center for Healthy Aging

Hunter College/CUNY

2180 Third Avenue, 8th Floor

New York, NY 10035

www.Brookdale.org

BSW Faculty and BSW Committee

Return to Faculty

**Katharine Bloeser**, Assistant Professor; PhD, NYU; Trauma, Veterans

**Patricia L. Dempsey**, Associate Professor; DSW, International University for Graduate Studies; Child Welfare Policy, Practice and Program Development; Adolescent Sexuality; Clinical Practice with Urban Youth and Families

**Ilze Earner**, Associate Professor; PhD, Columbia; Child Welfare, Immigrants, Cultural Competency

**Daniel Gardner**, Associate Professor; PhD, Columbia University School of Social Work; Social Gerontology, Palliative and end of life care, Health and Mental Health

**Nancy Giunta**, Associate Professor; PhD, MSW, University of California, Berkeley; Aging/Gerontology: Health and Long Term Care; Macro SW practice; Community-based participatory research

**Bernadette Hadden**, Assistant Professor; PhD, Columbia; HIV/AIDS, Cognitive-Behavioral Skills-Building Group-Based HIV Prevention; Health and Mental Health; the Elderly
Bylaws of the Board of Trustees

Table of Contents

ARTICLE XV: STUDENTS

• SECTION 15.0 PREAMBLE
• SECTION 15.1. CONDUCT STANDARD DEFINED
• SECTION 15.2. STUDENT ORGANIZATIONS
• SECTION 15.3. THE UNIVERSITY STUDENT SENATE
• SECTION 15.4. STUDENT DISCIPLINARY PROCEDURES
  • Complaint Procedures
  • Mediation Conference
  • Notice of Hearing and Charges, and Pre-Hearing Document Inspection
  • Emergency Suspension
  • Faculty-Student Disciplinary Committee Structure
  • Faculty-Student Disciplinary Committee Procedures
  • Appeals
• SECTION 15.5. ACTION BY THE BOARD OF TRUSTEES
• SECTION 15.6. COLLEGE GOVERNANCE PLANS
• SECTION 16.1 STUDENT ACTIVITY FEE
ARTICLE XV: STUDENTS

SECTION 15.0 PREAMBLE.

Academic institutions exist for the transmission of knowledge, the pursuit of truth, the development of students, and the general well-being of society. Student participation, responsibility, academic freedom, and due process are essential to the operation of the academic enterprise. As members of the academic community, students should be encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth. Freedom to learn and to explore major social, political, and economic issues are necessary adjuncts to student academic freedom, as is freedom from discrimination, as set forth in the university's non-discrimination policy.

Freedom to learn and freedom to teach are inseparable facets of academic freedom. The concomitant of this freedom is responsibility. If members of the academic community are to develop positively in their freedom; if these rights are to be secure, then students should exercise their freedom with responsibility.

SECTION 15.1. CONDUCT STANDARD DEFINED

Each student enrolled or in attendance in any college, school or unit under the control of the board and every student organization, association, publication, club or chapter shall obey (1) the laws of the city, state and nation; (2) the bylaws and resolutions of the board, including the rules and regulations for the maintenance of public order pursuant to article 129-a of the education law (“Henderson rules”); and (3) the governance plan, policies, regulations, and orders of the college. Such laws, bylaws, resolutions, policies, rules, regulations and orders shall, of course, be limited by the right of students to the freedoms of speech, press, assembly and petition as construed by the courts.
SECTION 15.2. STUDENT ORGANIZATIONS

a. Any group of students may form an organization, association, club or chapter by filing with the duly elected student government organization of the college or school at which they are enrolled or in attendance and with an officer to be designated by the chief student affairs officer of the college or school at which they are enrolled or in attendance (1) the name and purposes of the organization, association, club or chapter, (2) the names and addresses of its president and secretary or other officers corresponding in function to president and secretary.

The board recognizes that students have rights to free expression and association. At the same time, the board strongly believes that respect for all members of the university's diverse community is an essential attribute of a great university.

b. Extra-curricular activities at each college or school shall be regulated by the duly elected student government organization to insure the effective conduct of such college or school as an institution of higher learning and for the prevention of activities which are hereafter proscribed or which violate the standards of conduct of the character set forth in bylaw 15.1. Such powers shall include:

1. The power to charter or otherwise authorize teams (excluding intercollegiate athletics), publications, organizations, associations, clubs or chapters, and, when appropriate in the exercise of such regulatory power, the power to refuse, suspend or revoke any charter or other authorization for cause after hearing on notice.

2. The power to delegate responsibility for the effective implementation of its regulatory functions hereunder to any officer or committee which it may appoint.

c. 1. Any person or organization affiliated with the college may file a complaint with the chief student affairs officer if there is reason to believe that a student organization has violated any of the standards of conduct set forth in section 15.1 above. The chief student affairs officer shall promptly notify the affected organization, investigate any complaint and report the results of that investigation along with a recommendation for appropriate action to the complainant and the student government which shall take action as it deems appropriate, except that in the case of a complaint against the student government itself, the chief student affairs officer shall report the results of the investigation and the recommendation for appropriate action directly to the president.

2. The complainant or any student organization adversely affected by the action of the student government pursuant to subparagraph c (1) above may appeal to the president. The president may take such action as he or she deems appropriate and such action shall be final.

d. Each college shall establish a student elections review committee in consultation with the various student governments. The student elections review committee shall approve the election procedures and certify the results of elections for student governments, and student body referenda. Decisions of the student elections review committee may be appealed to the college president, whose decision shall be final. An appeal from the decision of the student elections review committee must be made in writing to the President within ten (10) calendar days of the decision. The President shall consult with the student elections review committee and render a decision as expeditiously as possible which may affirm, reverse, or modify the decision of the student elections review committee.

e. Student government elections shall be scheduled and conducted, and newly elected student governments shall take office, in accordance with policies of the board, and implementing regulations.

SECTION 15.3. THE UNIVERSITY STUDENT SENATE

There shall be a university student senate responsible, subject to the board of trustees, for the formulation of university-wide student policy relating to the academic status, role, rights and freedoms of the student. The authority and duties of the university student senate shall not extend to areas of interest which fall exclusively
within the domain of the student governments of the constituent units of the university. Consistent with the authority of the board of trustees in accordance with the education law and the bylaws of the board of trustees, the university student senate shall make its own bylaws providing for the election of its own officers, the establishment of its own rules and procedures, for its internal administration and for such other matters as is necessary for its existence. The university student senate shall have the full rights and responsibilities accorded student organizations as provided in these bylaws. The delegates and alternate delegates to the university student senate shall be elected by their respective constituencies, or by their student governments from the elected members of the respective student governments.

SECTION 15.4. STUDENT DISCIPLINARY PROCEDURES

Complaint Procedures

a. A University student, employee, visitor, organization or department who/which believes she/he/it is the victim of a student's misconduct (hereinafter "complainant") may make a charge, accusation, or allegation against a student (hereinafter "respondent") which if proved, may subject the respondent to disciplinary action. Such charge, accusation, or allegation must be communicated to the chief student affairs officer of the college the respondent attends.

b. The chief student affairs officer of the college or her or his designee shall conduct a preliminary investigation in order to determine whether disciplinary charges should be preferred. The chief student affairs officer or her or his designee shall advise the respondent of the allegation against her or him, explain to the respondent and the complainant their rights, consult with other parties who may be involved or who have information regarding the incident, and review other relevant evidence. The preliminary investigation shall be concluded within thirty (30) calendar days of the filing of the complaint, unless: (i) said complaint involves two or more complainants or respondents; or (ii) said complaint involves a matter that is also under investigation by law enforcement authorities. In those cases, the preliminary investigation shall be completed within sixty (60) calendar days. Further, if the matter has been previously investigated pursuant to the Board of Trustees Policy on Sexual Misconduct, the chief student affairs officer shall dispense with a preliminary investigation and rely on the report completed by the Title IX Coordinator. Following the completion of the preliminary investigation, the chief student affairs officer or designee shall take one of the following actions:

(i) Dismiss the matter if there is no basis for the allegation(s) or the allegation(s) does not warrant disciplinary action. The individuals involved shall be notified that the complaint has been dismissed;

(ii) Refer the matter to mediation (except in cases involving allegations of sexual assault, stalking or other forms of sexual violence); or

(iii) Prefer formal disciplinary charges.

c. In the event that a respondent withdraws from the college after a charge, accusation or allegation against a respondent has been made, and the college prefers formal disciplinary charges, the respondent is required to participate in the disciplinary hearing or otherwise to resolve the pending charges and shall be barred from attending any other unit of the university until a decision on the charges is made or the charges are otherwise resolved. If the respondent fails to appear the college may proceed with the disciplinary hearing in absentia, and any decision and sanction shall be binding.

d. The college may offer the respondent and the complainant the opportunity to participate in a mediation conference prior to the time the disciplinary hearing takes place in an effort to resolve the matter by mutual agreement (except in cases involving sexual assault, stalking and other forms of sexual violence). The conference shall be conducted by a qualified staff or faculty member designated by the chief student affairs officer. The following procedures shall be in effect at this conference:

1. An effort shall be made to resolve the matter by mutual agreement.
2. If an agreement is reached, the faculty or staff member conducting the conference shall report her/his recommendation to the chief student affairs officer for approval and, if approved, the complainant and the respondent shall be notified, and a written memorandum shall be created memorializing the resolution and any consequences for non-compliance.

3. If no agreement is reached within a reasonable time, or if the respondent fails to appear, the faculty or staff member conducting the conference shall refer the matter back to the chief student affairs officer who may prefer disciplinary charges.

Mediation Conference

d. The mediation conference shall be conducted by a qualified staff or faculty member designated by the chief student affairs officer. The following procedures shall be in effect at this conference: 1. An effort will be made to resolve the matter by mutual agreement.

2. If an agreement is reached, the faculty or staff member conducting the conference shall report his/her recommendation to the chief student affairs officer for approval and, if approved, the complainant shall be notified, and a written memorandum shall be created memorializing the resolution and any consequences for non-compliance.

3. If no agreement is reached, or if the student fails to appear, the faculty or staff member conducting the conference shall refer the matter back to the chief student affairs officer who may prefer disciplinary charges.

4. The faculty or staff member conducting the mediation conference is precluded from testifying in a college hearing regarding information received during the mediation conference.

Notice of Hearing and Charges, and Pre-Hearing Document Inspection

e. Notice of the charge(s) and of the time and place of the hearing shall be personally delivered to the respondent, or sent by certified or overnight mail and email to the respondent's CUNY-assigned email address. Notice shall also be sent in a similar manner to the complainant to the extent the charges relate to her/him/it. The chief student affairs officer is also encouraged to send the notice of charges to any other e-mail address that he or she may have for the respondent and the complainant. The hearing shall be scheduled within a reasonable time following the filing of the charges or the mediation conference. Notice of at least seven (7) calendar days shall be given to the respondent in advance of the hearing unless the respondent consents to an earlier hearing. The respondent is permitted one (1) adjournment as of right. Additional requests for an adjournment must be made at least five (5) calendar days prior to the hearing date, and shall be granted or denied at the discretion of the chairperson of the faculty-student disciplinary committee. If the respondent fails to respond to the notice, appear on the adjourned date, or request an extension, the college may proceed in absentia, and any decision and sanction shall be binding.

f. The notice shall contain the following:

1. A complete and itemized statement of the charge(s) being brought against the respondent including the rule, bylaw or regulation she/he is charged with violating, and the possible penalties for such violation.

2. A statement that the respondent and the complainant have the right to attend and participate fully in the hearing including the right:

   (i) to present their side of the story;

   (ii) to present witnesses and evidence on their behalf;

   (iii) to cross-examine witnesses presenting evidence;

   (iv) to remain silent without assumption of guilt; and
(iv) to be represented by an advisor or legal counsel at their expense; if the respondent or the complainant request it, the college shall assist in finding a legal counsel or advisor.

3. A warning that anything the respondent says may be used against her/him at a non-college hearing.

4. At least five (5) calendar days prior to the commencement of a student disciplinary hearing, the college shall provide the respondent and the complainant and/or their designated representative, with similar and timely access to review any documents or other tangible evidence that the college intends to use at the disciplinary hearing, consistent with the restrictions imposed by Family Education Rights and Privacy Act ("FERPA"). Should the college seek to introduce additional documents or other tangible evidence during, or some time prior to, the disciplinary hearing, the respondent and the complainant shall be afforded the opportunity to review the additional documents or tangible evidence. If during the hearing the respondent submits documentary evidence, the chairperson may, at the request of either the college or the complainant, direct the respondent to produce such other documents as may be necessary in the interest of fairness.

Emergency Suspension

g. The president or her/his designee may in emergency or extraordinary circumstances, temporarily suspend a student pending an early hearing as provided in this bylaw section 15.4. to take place within not more than twelve (12) calendar days, unless the student requests an adjournment. Such suspension shall be for conduct which impedes, obstructs, impairs or interferes with the orderly and continuous administration and operation of any college, school, or unit of the university in the use of its facilities or in the achievement of its purposes as an educational institution. Prior to the commencement of a temporary suspension of a student, the college shall give the student oral notice (which shall be confirmed via email to the address appearing on the records of the college) or written notice of the charges against her/him and, if she/he denies them, the college shall forthwith give the student an informal oral explanation of the evidence supporting the charges and the student may present informally her/his explanation or theory of the matter. When a student's presence poses a continuing danger to person or property or an ongoing threat of disrupting the academic process, notice and opportunity for denial and explanation may follow suspension, but shall be given as soon as feasible thereafter. The complainant shall be notified in the event that an emergency suspension is imposed against a student, and/or when the suspension is subsequently lifted to the extent that the suspension involves the complainant in the same manner notice is given to the student.

Faculty-Student Disciplinary Committee Structure

h. Each faculty-student disciplinary committee shall consist of two (2) faculty members or one (1) faculty member and one (1) member of the Higher Education Officer series (HEO), and two (2) student members and a chairperson, who shall be a faculty member. A quorum shall consist of the chairperson and any two (2) members, one of whom must be a student. Hearings shall be scheduled promptly (including during the summers) at a convenient time and efforts shall be made to insure full student and faculty representation.

i. The president shall select in consultation with the head of the appropriate campus governance body or where the president is the head of the governance body, its executive committee, three (3) members of the faculty of that college to receive training and to serve in rotation as chairperson of the disciplinary committee. The following schools shall be required to select two (2) chairpersons: CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism. If none of the chairpersons appointed from the campus can serve, the president, at her/his discretion, may request that a chairperson be selected by lottery from the entire group of chairpersons appointed by other colleges. The chairperson shall preside at all meetings of the faculty-student disciplinary committee and decide and make all rulings for the committee. She/he shall not be a voting member of the committee but shall vote in the event of a tie.

j. The faculty members shall be selected by lot from a panel of six (6) elected biennially by the appropriate faculty body from among the persons having faculty rank or faculty status. CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism shall be
required to select four (4) faculty members. The HEO members shall be selected by lot from a panel of six (6) HEO appointed biennially by the president. CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism shall be required to select four (4) HEO's. The student members shall be selected by lot from a panel of six (6) elected annually in an election in which all students registered at the college shall be eligible to vote. CUNY School of Law, Guttman Community College, CUNY School of Professional Studies, and the CUNY School of Journalism shall be required to select four (4) students. In the event that the student or faculty panel or both are not elected, or if more panel members are needed, the president shall have the duty to select the panel or panels which have not been elected. No individuals on the panel shall serve on the panel for more than four (4) consecutive years. Notwithstanding the above, in cases of sexual assault, stalking and other forms of sexual violence, the president shall designate one (1) chairperson, two (2) faculty/HEO members, and two (2) students, who shall be specially trained, and who shall constitute the faculty-student disciplinary committee in all such cases.

k. In the event that the chairperson cannot continue, the president shall appoint another chairperson. In the event that a seat becomes vacant and it is necessary to fill the seat to continue the hearing, the seat shall be filled from the respective faculty, HEO, or student panel by lottery.

1. Each academic year, the chief student affairs officer, and her or his designee, shall appoint/identify one or more college employees to serve as presenters for the hearings. This list shall be forwarded to the Office of the Vice Chancellor for Student Affairs, and the Office of the General Counsel and Sr. Vice Chancellor for Legal Affairs prior to the first day of the academic year.

m. Persons who are to be participants in the hearings as witnesses or have been involved in preferring the charges or who may participate in the appeals procedures or any other person having a direct interest in the outcome of the hearing shall be disqualified from serving on the committee.

**Faculty-Student Disciplinary Committee Procedures**

n. The following procedures shall apply at the hearing before the faculty-student disciplinary committee:

1. The chairperson shall preside at the hearing. The chairperson shall inform the respondent of the charges, the hearing procedures and her or his rights.

2. All faculty student disciplinary committee hearings are closed hearings, but the respondent has the right to request an open public hearing. However, the chairperson has the right to deny the request and hold a closed hearing when an open public hearing would adversely affect and be disruptive to the committee's normal operations, or when the complainant in a case involving allegations of sexual assault, stalking, or other forms of sexual violence requests a closed hearing. In the event of an open hearing, the respondent must sign a written waiver acknowledging that those present will hear the evidence introduced at the hearing.

3. After informing the respondent of the charges, the hearing procedures, and her or his rights, the chairperson shall ask the respondent to respond. If the respondent admits the conduct charged, the respondent shall be given an opportunity to explain her/his actions before the committee and the college shall be given an opportunity to respond and present evidence regarding the appropriate penalty. If the respondent denies the conduct charged, the college shall present its case. At the conclusion of the college's case, the respondent may move to dismiss the charges. If the motion is denied by the committee, the respondent shall be given an opportunity to present her or his defense.

4. Prior to accepting testimony at the hearing, the chairperson shall rule on any motions questioning the impartiality of any committee member or the adequacy of the notice of the charge(s). Subsequent thereto, the chairperson may rule on the admissibility of the evidence and may exclude irrelevant, unreliable or unduly repetitive evidence. In addition, if either party wishes to question the impartiality of a committee member on the basis of evidence which was not previously available at the inception of the hearing, the chairperson may rule on such a motion. The chairperson shall exclude from the hearing room all persons who are to appear as witnesses, except the respondent and the complainant.
5. The college shall make a record of each fact-finding hearing by some means such as a stenographic transcript, an audio recording or the equivalent. The college must assign a staff member for each hearing, with the sole responsibility of ensuring that the hearing is recorded in its entirety. No other recording of the proceedings may be permitted. A respondent who has been found to have committed the conduct charged after a hearing is entitled upon request to a copy of such a record without cost upon the condition that it is not to be disseminated except to the respondent's representative or attorney. In the event of an appeal, both the respondent and the complainant are entitled upon request to a copy of such a record without cost, upon the condition that it is not to be disseminated except to their representatives or attorneys.

6. The college bears the burden of proving the charge(s) by a preponderance of the evidence.

7. The role of the faculty-student disciplinary committee is to listen to the testimony, ask questions of the witnesses, review the testimony and evidence presented at the hearing and the papers filed by the parties and render a determination. In the event the respondent is found to have committed the conduct charged, the committee shall then determine the penalty to be imposed.

8. The college, the respondent and the complainant are permitted to have lawyers or other representatives act on their behalf during the pendency of a disciplinary action, which shall include the calling and examining of witnesses, and presenting other evidence. Any party intending to appear with an attorney shall give the other party 5 (five) calendar days' notice of such representation.

9. The chairperson of the faculty-student disciplinary committee retains discretion to limit the number of witnesses and the time of testimony for the presentations by any party and/or their representative.

10. In the event that the respondent is charged with a sexual assault, stalking or other forms of sexual violence, neither the respondent nor the complainant shall be permitted to cross-examine the other directly. Rather, if they wish to, the respondent and the complainant may cross-examine each other only through a representative. If either or both of them do not have a representative, the college shall work with them to find a representative to conduct such cross-examination. In the alternative, either party may provide written questions to the chairperson to be posed to the witness.

11. At the end of the presentations, the respondent and the complainant may introduce individual character references. The college may introduce a copy of the respondent's previous disciplinary record, including records from any CUNY institution the respondent has attended, where applicable, provided the respondent was shown a copy of the record prior to the commencement of the hearing. The previous disciplinary record shall be submitted to the committee in a sealed envelope, bearing the respondent's signature across the seal, and shall only be opened if the respondent has been found to have committed the conduct charged. The previous disciplinary records, as well as documents and character evidence introduced by the respondent, the complainant, and the college shall be opened and used by the committee for dispositional purposes, i.e., to determine an appropriate penalty if the charges are sustained.

12. The committee shall deliberate in closed session. The committee shall issue a written decision, which shall be based solely on the testimony and evidence presented at the hearing and the papers filed by the parties.

13. The respondent shall be sent a copy of the faculty-student disciplinary committee's decision within seven (7) calendar days of the conclusion of the hearing, by regular mail and e-mail to the address appearing on the records of the college. In cases involving two or more complainants or respondents, the respondent shall be sent a copy of faculty-student disciplinary committee's decision within fourteen (14) calendar days of the conclusion of the hearing. The chief student affairs officer is also encouraged to send the decision to any other e-mail address that he or she may have for the respondent. The decision shall be final subject to any appeal. In cases involving a crime of violence or a non-forcible sex offense, as set forth in FERPA, the complainant shall simultaneously receive notice of the outcome of the faculty-student disciplinary committee's decision as it relates to the offense(s) committed against the complainant, in the same manner as notice is given to the respondent.
14. When a disciplinary hearing results in a penalty of dismissal or suspension for one term or more, the decision is a university-wide penalty and the respondent shall be barred from admission to, or attendance at, any other unit of the university while the penalty is being served.

15. Disciplinary penalties shall be placed on a respondent's transcript unless a mediation agreement, the committee's decision, or the decision on any appeal under section 15.4(o) below, expressly indicate otherwise. For all undergraduate students, a penalty other than suspension or expulsion shall be removed from the respondent's transcript upon the request of the respondent after at least four (4) years have elapsed since the penalty was completed, unless the respondent has been found to have committed a subsequent violation pursuant to this Article. The chief student affairs officer shall be responsible for having any penalty removed from a student's transcript as provided above.

Appeals

o. A respondent or a complainant may appeal a decision of the faculty-student disciplinary committee to the president on the following grounds: (i) procedural error, (ii) newly discovered evidence that was not reasonably available at the time of the hearing, or (iii) the disproportionate nature of the penalty. The president may remand for a new hearing or may modify the penalty either by decreasing it (on an appeal by the respondent) or increasing it (on an appeal by the complainant). If the president is a party to the dispute, her/his functions with respect to an appeal shall be discharged by an official of the university to be appointed by the chancellor or her or his designee. If the penalty after appeal to the president is one of dismissal or suspension for one term or more, a respondent or a complainant may appeal to the board committee on student affairs and special programs. The board may dispose of the appeal in the same manner as the president.

p. An appeal under this section shall be made in writing within fifteen (15) calendar days after the delivery of the decision appealed from. This requirement may be waived in a particular case for good cause by the president or the board committee as the case may be. Within three (3) calendar days of the receipt of any appeal, either to the president or the board committee on student affairs and special programs, the appealing party shall be sent a written notice of the other party's appeal. In addition, the respondent and/or the complainant shall have the opportunity to submit a written opposition to the other party's appeal within fifteen (15) calendar days of the delivery of the notice of receipt of such appeal.

q. The president shall decide and issue a decision within fifteen (15) calendar days of receiving the appeal or within fifteen (15) calendar days of receiving papers in opposition to the appeal, whichever is longer. The board committee shall decide and issue a decision within five (5) calendar days of the meeting at which it hears the appeal.

SECTION 15.5. ACTION BY THE BOARD OF TRUSTEES

Notwithstanding the foregoing provisions of this article, the board of trustees reserves full power to suspend or take other appropriate action against a student or a student organization for conduct which impedes, obstructs, or interferes with the orderly and continuous administration and operation of any college, school, or units of the university in the use of its facilities or in the achievement of its purposes as an educational institution in accordance with procedures established by the board of trustees.

The provisions in a duly adopted college governance plan shall not be inconsistent with the provisions contained in this article.

Adopted by the CUNY Board of Trustees

November 28, 2011

SECTION 16.1 STUDENT ACTIVITY FEE
The student activity fee is the total of the fees for student government and other student activities. Student activity fees, including student government fees collected by a college of the university shall be deposited in a college central depository and, except where earmarked by the board, allocated by a college association budget committee subject to review by the college association as required in these bylaws.

SECTION 16.2 USE OF STUDENT ACTIVITY FEES - EXPENDITURE CATEGORIES

Student activity fee funds shall be allocated and expended only for the following purposes:

- Extracurricular educational programs;
- Cultural and social activities;
- Recreational and athletic programs;
- Student government;
- Publications and other media;
- Assistance to registered student organizations;
- Community service programs;
- Enhancement of the college and university environment;
- Transportation, administration and insurance related to the implementation of these activities;
- Student services to supplement or add to those provided by the university;

11. Stipends to student leaders.

SECTION 16.3 STUDENT GOVERNMENT FEE

The student government fee is that portion of the student activity fee levied by resolution of the board which has been established for the support of student government activities. The existing student government fees now in effect shall continue until changed. Student government fees shall be allocated by the duly elected student government, or each student government where more than one duly elected student government exists, for its own use and for the use of student organizations, as specified in section 15.2. of these bylaws, provided, however, that the allocation is based on a budget approved by the duly elected student government after notice and hearing, subject to the review of the college association.

Where more than one duly elected student government exists, the college association shall apportion the student government fees to each student government in direct proportion to the amount collected from members of each student government.

A student government activity is any activity operated by and for the students enrolled at any unit of the university provided, (1) such activity is for the direct benefit of students enrolled at the college, (2) that participation in the activity and the benefit thereof is available to all students enrolled in the unit or student government thereof, and (3) that the activity does not contravene the laws of the city, state or nation, or the published rules, regulations, and orders of the university or the duly established college authorities.
1. The college association shall have responsibility for the supervision and review over college student activity fee supported budgets. All budgets of college student activity fees, except where earmarked by the board to be allocated by another body, should be developed by a college association budget committee and recommended to the college association for review by the college association prior to expenditure. The college association shall review all college student activity fee, including student government fee allocations and expenditures for conformance with the expenditure categories defined in Section 16.2. of this article and the college association shall disapprove any allocation or expenditure it finds does not so conform, or is inappropriate, improper, or inequitable.

2. A college association shall be considered approved for purposes of this article if it consists of thirteen (13) members, its governing documents are approved by the college president and the following requirements are met:

1. The governing board of the college association is composed of:

1. The college president or his/her designee as chair.

2. Three administrative members appointed by the college president.

3. Three faculty members appointed by the college president from a panel whose size is twice the number of seats to be filled and the panel is elected by the appropriate college faculty governance body.

4. Six student members comprised of the student government president(s) and other elected students with the student seats allocated on a basis which will provide representation to each government, where more than one exists, as nearly as practicable in proportion to the student activity fees provided by the students from the respective constituencies.

2. The college association structure provides a budget committee composed of members of the governing board, at least a majority of whom are students selected in accordance with section 16.5.(b) (1)(iv) of these bylaws. The budget committee shall be empowered to receive and review student activity fee budget requests and to develop a budget subject to the review of the college association. The college association may choose to not approve the budget or portions of the budget if in their opinion such items are inappropriate, improper, or inequitable. The budget shall be returned to the budget committee with the specific concerns of the college association noted for further deliberation by the budget committee and subsequent resubmittal to the college association. If the budget is not approved within thirty (30) days those portions of the budget voted upon and approved by the college association board will be allocated. The remainder shall be held until the college association and the budget committee agree.

3. The governing documents of the college association have been reviewed by the board's general counsel and approved by the board.

SECTION 16.6 MANAGEMENT AND DISBURSEMENT OF FUNDS

The college and all student activity fee allocating bodies shall employ generally accepted accounting and investment procedures in the management of all funds. All funds for the support of student activities are to be disbursed only in accordance with approved budgets and be based on written documentation. A requisition for disbursement of funds must contain two signatures; one, the signature of a person with responsibility for the program; the other, the signature of an approved representative of the allocating body.
All revenues generated by student activities funded through student activity fees shall be placed in a college central depository subject to the control of the allocating body. The application of such revenues to the account of the income generating organization shall require the specific authorization of the allocating body.

The chancellor or his/her designee shall promulgate regulations in a fiscal accountability handbook, to regulate all aspects of the collection, deposit, financial disclosure, accounting procedures, financial payments, documentation, contracts, travel vouchers, investments and surpluses of student activity fees and all other procedural and documentary aspects necessary, as determined by the chancellor or his/her designee to protect the integrity and accountability of all student activity fee funds.

A college purposes fund may be established at each college and shall be allocated by the college president. This fund may have up to twenty-five (25) percent of the unearmarked portion of the student activity fee earmarked to it by resolution of the board, upon the presentation to the board of a list of activities that may be properly funded by student activity fees that are deemed essential by the college president.

Expenditures from the college purposes fund shall be subject to full disclosure under section 16.13 of these bylaws.

Referenda of the student body with respect to the use and amount of the college purposes fund shall be permitted under the procedures and requirements of section 16.12 of these bylaws.

The auxiliary enterprise board shall have responsibility for the oversight, supervision and review over college auxiliary enterprises. All budgets of auxiliary enterprise funds and all contracts for auxiliary enterprises shall be developed by the auxiliary enterprise budget and contract committee and reviewed by the auxiliary enterprise board prior to expenditure or execution.

The auxiliary enterprise board shall be considered approved for the purposes of this article if it consists of at least eleven (11) members, its governing documents are approved by the college president and the following requirements are met:

1. The governing board is composed of the college president or his/her designee as chair, plus an equal number of students and the combined total of faculty and administrative members.

2. The administrative members are appointed by the college president.

3. The faculty members are appointed by the college president from a panel whose size is twice the number of seats to be filled and the panel is elected by the appropriate college faculty governance body.

4. The student members are the student government president(s) and other elected students and the student seats are allocated on a basis which will provide representation to each government, where more than one exists, as nearly as practicable, in proportion to the student enrollment by headcount from the respective constituencies.

5. The auxiliary enterprise board structure provides for a budget and contract committee composed of a combined total of faculty and administrative members that is one more than the number of
student members. The budget and contract committee shall be empowered to develop all contract and budget allocation proposals subject to the review and approval of the auxiliary enterprise board.

6. The governing documents of the auxiliary enterprise board have been reviewed by the board's general counsel and approved by the board.

SECTION 16.11 THE REVIEW AUTHORITY OF COLLEGE PRESIDENTS OVER STUDENT ACTIVITY FEE ALLOCATING BODIES AND AUXILIARY ENTERPRISE BOARDS

1. The president of the college shall have the authority to disapprove any student activity fee, including student government fee, or auxiliary enterprise allocation or expenditure, which in his or her opinion contravenes the laws of the city, state, or nation or any bylaw or policy of the university or any policy, regulation, or order of the college. If the college president chooses to disapprove an allocation or expenditure, he or she shall consult with the general counsel and vice chancellor for legal affairs and thereafter communicate his/her decision to the allocating body or auxiliary enterprise board.

2. The president of the college shall have the authority to suspend and send back for further review any student activity fee, including student government fee, allocation or expenditure which in his or her opinion is not within the expenditure categories defined in section 16.2. of this article. The college association shall, within ten (10) days of receiving a proposed allocation or expenditure for further review, study it and make a recommendation to the president with respect to it. The college president shall thereafter consider the recommendation, shall consult with the general counsel and vice chancellor for legal affairs, and thereafter communicate his/her final decision to the allocating body as to whether the allocation or expenditure is disapproved.

3. The chancellor or his/her designee shall have the same review authority with respect to university student activity fees that the college president has with respect to college student activity fees.

4. All disapprovals exercised under this section shall be filed with the general counsel and vice chancellor for legal affairs.

5. Recipients of extramural student activity fees shall present an annual report to the chancellor for the appropriate board committee detailing the activities, benefits and finances of the extramural body as they pertain to the colleges where students are paying an extramural fee.

A referendum proposing changes in the student activity fee shall be initiated by a petition of at least ten (10) percent of the appropriate student body and voted upon in conjunction with student government elections.

- Where a referendum seeks to earmark student activity fees for a specific purpose or organization without changing the total student activity fee, the results of the referendum shall be sent to the college association for implementation.

- Where a referendum seeks to earmark student activity fees for a specific purpose or organization by changing the total student activity fee, the results of such referendum shall be sent to the board by the president of the college together with his/her recommendation.
- At the initiation of a petition of at least ten (10) percent of the appropriate student body, the college president may schedule a student referendum at a convenient time other than in conjunction with student government elections.
- Where the referendum seeks to affect the use or amount of student activity fees in the college purposes fund, the results of the referendum shall be sent to the board by the college president together with his/her recommendation.

The college president shall be responsible for the full disclosure to each of the student governments of the college of all financial information with respect to student activity fees.

The student governments shall be responsible for the full disclosure to their constituents of all financial information with respect to student government fees.

The student activity fee allocating bodies shall be responsible for the full disclosure of all financial information to its membership, to the college and to the student governments with respect to all of its activities.

The auxiliary enterprise board shall be responsible for the full disclosure of all financial information to its membership, to the college and to the student governments with respect to auxiliary enterprises.

For purposes of the foregoing paragraphs, full disclosure shall mean the presentation each semester of written financial statements which shall include, but need not be limited to, the source of all fee income by constituency, income from other sources creditable to student activity fee accounts, disbursements, transfers, past reserves, surplus accounts, contingency and stabilization funds. Certified independent audits performed by a public auditing firm shall be conducted at least once each year.

The payment of stipends to student leaders is permitted only within those time limits and amounts authorized by the board.

**Campus Housing**

Department of Residence Life  
Residence Hall Office: (212) 481-4310  
www.hunter.cuny.edu/livingathunter

Hunter College residents have the unique opportunity to enrich their learning experiences beyond the classroom by becoming involved in the Residence Life community. Residents can participate in a number of social, educational, and cultural programs designed to enhance their education and to promote positive relationships within the residences and the community at large.
Only a limited number of Hunter's 23,000 plus students have the opportunity to live in our residences. Scholar groups are given priority access, and are assigned to a specific residence to better build community among them.

The Brookdale Residence Hall is located at 425 East 25th Street and houses approximately 650 undergraduate students. This location offers the convenience of 24 hour security, an indoor pool, a basketball court and a game room managed by the Brookdale Council. All rooms are single occupancy and contain basic furnishings. Gender neutral rooms are available. Each floor has a main lounge, bathroom facilities and a kitchen.

97th Street Residence is located at 1760 3rd Avenue at 97th Street, and houses 99 undergraduate residents. This updated residence hall is equipped with everything you would expect plus a concierge, high tech gym, and laundry facility.

92nd Street Residence is located at 1395 Lexington Ave (at 92nd Street), and houses 36 undergraduate residents. This location offers a full complimentary membership to the 92nd Street’s May Center for Health, Fitness & Sport, two weight-training rooms, two gyms, an indoor track, racquetball courts, steam rooms, saunas and a 25-yard ozone-purified swimming pool. Residents can also attend 92nd Street programs, events and classes at a discount.

The Apartments at 79th Street is located at 334 East 79th Street and houses approximately 160 undergraduate and graduate students. This housing location offers furnished apartment style rooms with the convenience of 24-hour security and a laundry room. Each apartment includes air conditioning, a full kitchen, WiFi, TV, cable services, and contains basic furnishings. The Apartments at 79th Street offers doubles, triples, quads style spaces, and several suites. Gender Neutral apartments are available upon request.

Career Development Services

805 East
(212) 772-4850
www.hunter.cuny.edu/studentservices/cds

The Office of Career Development Services helps Hunter College students to compete in the job market through a variety of services:

- **Career Counseling** Career counseling is an interactive process where students are assisted in discovering the career that will provide optimum personal satisfaction. Counselors meet with students individually and in small groups to explore and evaluate the student’s academic strengths and concentration, additional training, work history, interests, skills and personal traits. Counselors help uncover underlying factors that may impede progress toward decision making. Counselors also help the student develop a résumé, interviewing skills and job search skills. Alumni are also encouraged to use the services for assistance in job search and career change.

- **Internships** Internships provide the opportunity to gain pre-professional work experience in a setting related to a student's major course of study. Interns work in corporations, government agencies and nonprofit organizations. In addition to gaining work-related skills, students develop contacts for future employment and acquire job related experience to enhance their résumé and interview presentation and earn academic credit or stipends.
• **Employer Recruiting** Representatives recruit and interview students both on and off campus from a wide variety of fields to meet the employment needs of students in all majors.

• **Employer Visits** Employers and successful professionals, including alumni, come to Hunter to discuss career opportunities in their respective areas. Panelists explore current trends in various fields, offer suggestions for preparing for the competitive job market and describe their own careers. From these experiences, students learn about specific companies, their products and services, hiring trends and career opportunities.

• **The On Campus Recruiting Program** Graduating seniors have the opportunity to enroll in the On Campus Recruiting Program. Approved resumés are made available to participating employers for review. Employers select those candidates in whom they are interested and conduct interviews on and off campus.

• **CAREERHUNTER Job and Internship Data Base** Businesses and organizations in a wide variety of fields post part- and full-time jobs and internships with the Career Development Services office. Students and alumni can register in CAREERHUNTER, create a profile, upload a resume, access the listings, and send the resume directly to employers.

• **Career Resources** A wide variety of career information is available both online and inhouse: skills and interest inventories, industry and job market information, employment trends, resume and cover letter writing, interviewing and job search skills.

Catalog at a Glance

Scroll for list of topics that are contained within each section of the catalog one the navigation menu bar, found on the left.

Section One: Introduction

<table>
<thead>
<tr>
<th>About Hunter College</th>
<th>Administration of Hunter College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunter College Mission Statement</td>
<td>City University of New York Administration</td>
</tr>
<tr>
<td>College Governance</td>
<td></td>
</tr>
</tbody>
</table>

Center for Occupational and Environmental Health

7th Floor  
http://www.hunter.cuny.edu/health/coeh/  
(212) 481-8790  
Co-Directors: Andrew Burgie  
andrew.burgie@hunter.cuny.edu,  
David Kotelchuck  
dkotelch@hunter.cuny.edu

The Hunter College Center for Occupational and Environmental Health was established in 1986 to improve workplace and environmental health by assisting worker and community efforts to understand and ameliorate hazardous conditions. The center
conducts training classes to assist labor unions, government agencies and other groups to strengthen their capacity to respond to workplace hazards; assists communities in addressing urban environmental concerns; and sponsors graduate student internships in occupational and environmental health. Current areas of interest and study include asbestos, lead poisoning, hazardous waste and materials, asthma, air pollution, ergonomics and public health policy. The Center for Occupational and Environmental Health is funded by federal and state grants, labor unions and private foundations.

**Center for Student Achievement**

417 Hunter West  
(212) 772-4890  
http://www.hunter.cuny.edu/studentservices/csa

The Center for Student Achievement provides students with opportunities to develop and enhance their study methods. The Center provides assistance to students on academic probation. By offering programs such as Project Success and the Academic Success Coaching program we give students the opportunity to improve their academic skills. Project Success is a weekly seminar for students on academic probation, while the Academic Success Coaching program offers students who are academically at-risk individual meetings with a trained staff member. For more information about the services and resources, visit our Web site.

**Certificates**

Four certificates are available to students majoring in any discipline: Arts Management and Leadership, Business Studies, Human Rights and Public Policy. These credentials range from 15 to 27 credits.

**Chemistry**

Return to: Faculty of the School of Arts and Sciences

**Spiro Alexandratos**, Professor, Chemistry; BS Manhattan College, PhD California (Berkeley)

**Nathan Astrof**, Doctoral Lecturer, Chemistry; BS Chicago, PhD Columbia

**Adam Braunschweig**, Associate Professor; PhD California (Los Angeles)

**Manashi Chatterjee**, Doctoral Lecturer, Chemistry; University of Saskatchewan, Saskatoon, Canada Ph.D. (Organic Chemistry), University of Edinburgh, Scotland, UK Post-doctoral Research, Indian Institute of Technology (IIT), Bombay, India M.Sc. (Organic Chemistry).

**Lynn Francesconi**, Professor, Chemistry; BA Ithaca, PhD Illinois

**Dixie Goss**, Gertrude B. Elion Professor, Chemistry; BS Nebraska Wesleyan, PhD Nebraska

**Kirsten J. Grant**, Clinical Professor, Chemistry; BA Fisk, PhD Florida State
Nancy Greenbaum, Professor, Chemistry; BA, PhD Pennsylvania

Philip R. Hamman, Doctoral Lecturer, Chemistry, Ph.D. Purdue

Wayne W. Harding, Associate Professor, Chemistry; BS, PhD West Indies

Mandë Holford, Associate Professor, Chemistry; BS York (CUNY), PhD Rockefeller

Akira Kawamura, Associate Professor and Chair, Chemistry; BS, MS Tokyo (Japan), PhD Columbia

Frida Kleiman, Professor, Chemistry; BS, PhD Cordoba (Argentina)

Nadezhda Kobko-Litskevitch, Doctoral Lecturer, Chemistry; PhD CUNY

Mateusz Marianski, Assistant Professor, Chemistry, MS Warclaw; PhD CUNY

Louis Massa, Professor, Chemistry; BS Lemoyn, MS Clarkson, PhD Georgetown

Hiroshi Matsui, Professor, Chemistry; BS Sophia, MS Stanford, PhD Purdue

David R. Mootoo, Professor, Chemistry; BSc, MPhil West Indies, PhD Maryland

Jennifer Shusterman, Assistant Professor, Chemistry; BA Tufts, PhD UCalifornia at Berkeley

Gabriela M. Smeureanu, Doctoral Lecturer, Chemistry; PhD CUNY

Rein Ulijn, Professor, BS, MS Wageningen University, PhD University of Strathclyde, UK

Yujia Xu, Associate Professor, Chemistry; BS Lanzhou (China), PhD Connecticut

Brian Ze glis, Associate Professor, Chemistry, BS Yale University, PhD Caltech

Shengping Zheng, Associate Professor, Chemistry, PhD Columbia

**Chemistry Courses (39-41 Credits)**

Choose One General Chemistry Sequence (11 credits)

- CHEM 10200 (STEM) - General Chemistry I
- CHEM 10400 (STEM) - General Chemistry II
- CHEM 10600 (STEM) - General Chemistry Laboratory
- OR-
- CHEM 11100 (STEM) - Chemical Principles
- CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Organic Chemistry (13 cr.)
• CHEM 22200 - Organic Chemistry Lecture I and CHEM 22300 - Organic Chemistry Laboratory I
• CHEM 22400 - Organic Chemistry Lecture II and CHEM 22500 - Organic Chemistry Laboratory II

Additional Required Courses (12 cr.)

• CHEM 24900 - Quantitative Analysis
• CHEM 35200 - Physical Chemistry I

• CHEM 35400 - Physical Chemistry II - F
  -or-
• CHEM 35600 - Physical Chemistry II

• CHEM 35500 - Physical Chemistry Laboratory I
• CHEM 35700 - Physical Chemistry Laboratory II

Required elective course (3-5 credits)

• Any chemistry course at the 300 level or above excluding CHEM 49101

Required Math Courses (12-22 credits)

• MATH 10100 - Algebra for College Students *
or
• MATH 101EN - Algebra for College Students - Enhanced *

• MATH 10150 - Mastery of Symbolic Computation *

• MATH 12400 (STEM) - College Algebra and Trigonometry *
or
• MATH 12500 (STEM) - Precalculus *
or
• MATH 12550 (STEM) - Precalculus with Workshop *

• MATH 14000 - Mathematical Reasoning Workshop * unless students earn a grade of B- or above in MATH 12550
• MATH 15000 (STEM) - Calculus I *
• MATH 15500 (STEM) - Calculus II *
• MATH 15600 - Introduction to Mathematical Proof Workshop *
• MATH 25000 - Calculus III *

Required Physics Courses (11 cr.)
• PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*
• PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics*

*These courses may be counted for credit in more than one program.

Chemistry Major II

Liberal Arts and Sciences Major Requirements

24 -27 credits of chemistry plus 27 credits of biology, math and physics.

Chemistry Major II

Foundational Courses

Foundational Courses include courses in chemistry and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

In the case of the Chemistry Major II, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Courses</th>
<th>CUNY Common Core</th>
<th>Foundational or Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 12500</td>
<td>Math &amp; Quantitive Reasoning</td>
<td>Foundational</td>
</tr>
<tr>
<td>CHEM 10200 (STEM) Scientific World</td>
<td>Foundational</td>
<td></td>
</tr>
<tr>
<td>CHEM 10400 (STEM) Scientific World</td>
<td>Foundational</td>
<td></td>
</tr>
<tr>
<td>CHEM 10600 (STEM) Life and Physical Sciences</td>
<td>Foundational</td>
<td></td>
</tr>
<tr>
<td>CHEM 11100 (STEM) Life and Physical Sciences</td>
<td>Foundational</td>
<td></td>
</tr>
<tr>
<td>CHEM 11200 (STEM) Scientific World</td>
<td>Foundational</td>
<td></td>
</tr>
</tbody>
</table>

General Chemistry Core:

One year of General Chemistry Lecture and Laboratory

• CHEM 10200 (STEM) General Chemistry I
• CHEM 10400 (STEM) General Chemistry II
• CHEM 10600 (STEM) General Chemistry Laboratory or its equivalent

-or-

This text is a documentation of course offerings and requirements for a specific academic program, detailing the breadth of study expected and the various paths students can take to fulfill their academic goals.
• CHEM 11100 (STEM) Chemical Principles
• CHEM 11200 (STEM) Thermodynamics and Solution Chemistry

Option 1:

For students interested in a career in the chemical industry. It consists of a minimum of 28 credits in chemistry above the introductory level and an 11-credit general chemistry core for a minimum total of 39 credits of chemistry. One year of physics and three semesters of calculus are also required.

**Required chemistry courses:**

• CHEM 22200 Organic Chemistry Lecture I
• CHEM 22300 Organic Chemistry Laboratory I
• CHEM 22400 Organic Chemistry Lecture II
• CHEM 22500 Organic Chemistry Laboratory II
• CHEM 24900 Quantitative Analysis
• CHEM 35200 Physical Chemistry I
• CHEM 35400 Physical Chemistry II - F - or - CHEM 35600 Physical Chemistry II
• CHEM 35500 Physical Chemistry Laboratory I
• CHEM 35700 Physical Chemistry Laboratory II

**Required elective course:**

Any chemistry course at the 300 level or above excluding CHEM 49101.

**Required allied courses:**

• MATH 15000 (STEM) Calculus I
• MATH 15500 (STEM) Calculus II
• MATH 25000 Calculus III
• PHYS 11100 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound
• PHYS 12100 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

**Chemistry Roadmap**

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>• CHEM 10200 (STEM) - General Chemistry I or CHEM 11100 (STEM) - Chemical Principles</td>
<td>• CHEM 10400 (STEM) - General Chemistry II, CHEM 10600 (STEM) - General Chemistry Laboratory - or - CHEM 11200 (STEM) Thermodynamics and Solution Chemistry</td>
</tr>
<tr>
<td></td>
<td>• PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound</td>
<td>• PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics</td>
</tr>
<tr>
<td></td>
<td>• MATH 15000 (STEM) - Calculus I</td>
<td>• MATH 15500 (STEM) - Calculus II</td>
</tr>
<tr>
<td>Year</td>
<td>Courses</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td></td>
</tr>
</tbody>
</table>
| 2    | • CHEM 22200 - Organic Chemistry Lecture I  
• CHEM 22300 - Organic Chemistry Laboratory I  
• CHEM 24900 - Quantitative Analysis  
• MATH 25000 - Calculus III |
|      | • CHEM 22400 - Organic Chemistry Lecture II  
• CHEM 22500 - Organic Chemistry Laboratory II  
• MATH 25400 - Ordinary Differential Equations  
-or-  
• MATH 26000 - Linear Algebra |
| 3    | • CHEM 35200 - Physical Chemistry I  
• CHEM 35400 - Physical Chemistry II-F  
• CHEM 35500 - Physical Chemistry Laboratory I  
• CHEM 291 |
|      | • CHEM 34900 - Instrumental Analysis  
• CHEM 35600 - Physical Chemistry II  
• CHEM 35700 - Physical Chemistry Laboratory II  
• CHEM 291 or 491 |
| 4    | • CHEM 37600 - Biochemistry I  
• CHEM 36600 - Inorganic Chemistry  
• CHEM Level 300 |
|      | • CHEM 37700 - Biochemistry II  
• CHEM 37800 - Biochemistry Laboratory (W)  
• CHEM 38800 - Topics of Current Interest in Chemistry  
• CHEM 39000 - Current Laboratory Methods in Chemistry |

**Total: 41 Cr. in Chemistry**

**26 Credits in Math & Physics**

**Children's Learning Center**

The Children's Learning Center at Hunter College offers a rich, developmentally appropriate environment for your child while you attend classes. The staff members are highly qualified to provide experiences and activities necessary for your child's development. The Center has two programs: Preschool (aged 2.5-5), and After-school (aged 6-12). Any Hunter student who is the parent or legal guardian of a child is eligible for this program. Students can be part time, full time, undergraduate, or graduate. Fees operate on a sliding scale and financial assistance is available to eligible students. Apply in person or online.
Chinese Language and Literature Program

Overview

The Chinese Language and Literature program offers language courses in Modern Chinese (Mandarin) and Classical Chinese as well as courses taught in English on traditional and modern Chinese literature and culture. The program offers a major and minor and focuses on language acquisition and literacy development to help students attain professional language proficiency. It also introduces students to the civilization of China and skills in Chinese-English translation and interpretation. Students are encouraged to take interdisciplinary courses in Chinese art, economics, history, political science and religion to develop a deeper understanding of past and present China.

Programs and Courses

Chinese - BA

Administration and Faculty

Program Head: Der-Lin Chao (212) 772-4965
email: dchao@hunter.cuny.edu
Program website: http://www.hunter.cuny.edu/classics/chinese/
Hegis Code: 1107

Faculty

Mary Anne Cartelli, Associate Professor, Chinese Studies, Classical and Oriental Studies; BA Oberlin, MA, PhD Columbia

Der-Lin Chao, Professor, Chinese Studies, Classical and Oriental Studies; BA, MA Fu Jen (Taiwan), EdM Teachers College, Columbia, PhD New York University

Wei-Yi Cheng, Lecturer, Chinese Studies, Classical and Oriental Studies; BA National Taiwan (Taiwan); MA New York University

Fang Dai, Associate Professor, Chinese Studies, Classical and Oriental Studies; BA East China Normal (China), MA, PhD Michigan (Ann Arbor)

Bo Hao, Lecturer, Chinese Studies, Classical and Oriental Studies; BA Stony Brook; MA Hunter

Bing Ying Hu, Lecturer, Chinese Studies, Classical and Oriental Studies; BA Skidmore, MA Hunter
Ming Ying Li, Lecturer, Chinese Studies, Classical and Oriental Studies; B.Ed. Tsinghua (Nanda Campus, Taiwan); M.Ed. U of Exeter (UK); PhD Penn State

Chinese Language and Literature- BA

Liberal Arts and Sciences Major Requirements

Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

- CHIN 10100 Elementary Chinese I
- CHIN 10200 Elementary Chinese II

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

Major 24 cr.

The major in Chinese language and literature consists of 24 credits chosen from the following CHIN-prefixed courses:

- CHIN 20100 Intermediate Chinese I
- CHIN 20200 Intermediate Chinese II
- CHIN 30100 Journalistic Chinese Literature I
- CHIN 30200 Journalistic Chinese Literature II
- CHIN 30300 Classical Chinese Literature I
- CHIN 30400 Classical Chinese Literature II
- CHIN 30700 Classical Chinese Poetry
- CHIN 40100 Advanced Studies in Chinese Literature
- CHIN 40200 Independent Study in Chinese Literature

Preparation for Teaching Chinese in Grades 7-12

Students preparing to teach Chinese must complete a 30-credit major option for teaching that includes the 24-credit sequence taken by non-teaching majors plus 9 additional credits: CHIN 39900 and 6 credits in Chinese language and literature at the 300 or 400 level. Students interested in teaching Chinese in New York schools should take the 23-credit pedagogical sequence for grades 7-12; this sequence may count toward the course requirements for New York State certification, but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the The School of Education.

City University of New York
Administration
The City University of New York

Board of Trustees

William C. Thompson, Jr., Chairperson
Barry F. Schwartz, Vice Chairperson
Michael Arvanites
Henry T. Berger
Una S. T-Claeke
Lorraine A. Cortés-Vázquez
Fernando Ferrer
Kevin D. Kim
Mayra Linares-Garcia
Robert F. Mujica
Brian D. Obergfell
Jill O'Donnell-Tormey
Charles A. Shorter
Ken Sunshine
Sandra Wilkin
Timothy G. Hunter, ex officio
Martin J. Burke, ex officio

Chancellor

Félix V. Matos Rodríguez

Executive Vice Chancellor and University Provost

José Luis Cruz

Executive Vice Chancellor and Chief Operating Officer

Hector Batista

General Counsel & Sr. Vice Chancellor for Legal Affairs

Derek Davis

Senior Vice Chancellor for Institutional Affairs and Strategic Advancement

Glenda Grace

Senior Vice Chancellor and Chief Financial Officer

Matthew Sapienza

Vice Chancellor and University Chief Information Officer

Brian Cohen
Senior Vice Chancellor for Labor Relations

Pamela S. Silverblatt

Vice Chancellor for Communications and Marketing

Maite Junco

Vice Chancellor of Human Resources Management

Doriane K. Gloria

Interim Vice Chancellor for University Advancement

Andrea Shapiro Davis

Senior Advisor to the Chancellor and Secretary of the Board

Gayle Horowitz

Classical and Oriental Studies Faculty

Return to: Faculty of the School of Arts and Sciences

Arabic Studies

Alexander E. Elinson, Associate Professor, Arabic Studies, Classical and Oriental Studies; BA Massachusetts, MA Washington, MPhil, PhD Columbia

Christopher Reed Stone, Associate Professor, Arabic Studies, Classical and Oriental Studies; BA Haverford; MA, PhD Princeton

Chinese Studies

Mary Anne Cartelli, Associate Professor, Chinese Studies, Classical and Oriental Studies; BA Oberlin, MA, PhD Columbia

Der-Lin Chao, Professor, Chinese Studies, Classical and Oriental Studies; BA, MA FuJen (China), EdM Teachers College, Columbia, PhD NYU

Wei-Yi Cheng, Lecturer, Chinese Studies, Classical and Oriental Studies; MA New York University

Fang Dai, Associate Professor, Chinese Studies, Classical and Oriental Studies; BA East China Normal, MA, PhD Michigan (Ann Arbor)

Bo Hao, Lecturer, Chinese Studies, Classical and Oriental Studies; MA Hunter

Bing Ying Hu, Lecturer, Chinese Studies, Classical and Oriental Studies; BA Skidmore, MA Hunter
Ming Ying Li, Lecturer, Chinese Studies, Classical and Oriental Studies; BEd National Tsing Hua U, MEd U of Exeter, PhD Penn State

Classical Studies

Ronnie Ancona, Professor, Classical Studies, Classical and Oriental Studies; BA, MA Washington, PhD Ohio State

W. Graham Claytor, Assistant Professor, Classical Studies, Classical and Oriental Studies; BA, NYU, PhD Michigan (Ann Arbor)

Robert B. Koehl, Professor & Chair, Classical Studies, Classical and Oriental Studies; BA Pomona, PhD Pennsylvania

Lawrence Kowerski, Associate Professor, Classical Studies, Classical and Oriental Studies; BA Gettysburg, MA, PhD Rutgers

David Petrain, Associate Professor; Classical Studies, Classical and Oriental Studies; BA, PhD, Harvard

Joanne M. Spurza, Associate Professor, Classical Studies, Classical and Oriental Studies; BA Bryn Mawr, MA, PhD Princeton

Wendy Raver, Lecturer, Classical Studies, Classical and Oriental Studies; BA Towson, U Maryland, MA NYU

Hebraic and Judaic Studies

Yitzhak Berger, Professor, Hebraic and Judaic Studies, Classical and Oriental Studies; MA, PhD Yeshiva University

Doron Friedman, Lecturer, Hebraic and Judaic Studies, Classical and Oriental Studies; EdD Argosy University

Leah Garrett, Professor and Director of Jewish Studies; BA Marylhurst, M Phil, PhD Jewish Theological Seminary

Japanese Studies

Maayan Barkan, Lecturer, Japanese Studies, Classical and Oriental Studies; BA Hebrew University, Jerusalem; MA Osaka U; MA, PhD CUNY Graduate Center

Russian and Slavic Studies

Yasha Klots, Assistant Professor, Russian and Slavic Studies; MA Boston, MPhil, PhD Yale

Nadya L. Peterson, Associate Professor, Russian and Slavic Studies, Classical and Oriental Studies; MA Moscow State, MA, PhD Indiana

CLEP

Hunter College participates in the College Level Examination Program (CLEP), under which registered Hunter matriculated students can receive college credit by taking CLEP Subject Examinations. Only the subject Examinations listed in our CLEP Examinations
handbook are honored. Please see the handbook for the Hunter's minimum qualifying score for each exam.

Hunter College does NOT accept CLEP GENERAL EXAMINATIONS. No student can earn more than 30 credits for CLEP plus AP, IB credit.

**Clubs, Organizations and Student Activities**

Student life at Hunter is enriched by a wide array of organizations and clubs — approximately 130 in number — which provide opportunities for participation in academic, political, recreational, ethnic, religious and social activities. Student organizations sponsor events and activities, which include hosting guest speakers, concerts, movies, attending conferences, assisting charities and social gatherings. All student clubs and publications are administered by the membership through their elected officers. Students are encouraged to join and become active in at least one organization so they have an opportunity to meet other students and develop interpersonal, leadership and managerial skills.

The Office of Student Activities, a unit of the Office of Student Affairs, encourages student involvement and supports clubs and organizations on campus by conducting a series of student leadership colloquia and other leadership development workshops, facilitating club events and opening doors to community service opportunities.

A complete listing of student organizations and additional information regarding student activities can be obtained by visiting the Office of Student Activities, Room C001 Hunter North or call (212) 772-4908.

**College Bookstore**

Hunter College is pleased to announce our innovative online and in-store bookstore program with the new Hunter College Online Bookstore, and Shakespeare & Co., the official brick and mortar bookstore for Hunter College through a partnership with Akademos.

Hunter is proud of the important flexibility it provides our students as they determine the best venues from which to attain their textbooks and other academic materials for the lowest cost. Students can purchase or rent books and course materials online from the Hunter College Online Bookstore or in-store from Shakespeare & Co., located at 939 Lexington Avenue across from the Hunter campus.

**College Calendar: Schedule of Final Examinations**

A final examination is required in each course at the college during the examination period scheduled by the registrar, except in those courses in which the department has ruled that no examination shall be given. Since the final examination week is part of the semester hour requirement as mandated by the State Education Department, the period
scheduled for final examinations should be used either for the final examination in the course or as an instructional period.

Students in an examination room may not have in their possession or within their reach any books or papers except those permitted by the instructor for use in the examination. Notes normally carried in pockets or handbags should be placed completely out of reach.

Students taking a drawing examination should bring their own implements. Students are not to possess an examination book at any time except during the examination period. Students should carefully fill out all information asked for on the front cover of every examination book used. If scratch paper is needed, students should use the back pages of the examination book; no other paper of any kind is to be used. All matter that is not intended to be read and marked by the examiner should be crossed out (but not torn out) before the examination book is handed in. No pages are to be torn from examination books.

The student is responsible for making sure that the instructor receives the examination book. Students may leave the examination room as soon as they finish. Quiet should be maintained in passing through the halls.

Students obliged to withdraw from an examination because of illness will be counted as absent from the examination and are permitted to take an absentee examination, as explained in the section on Incomplete Work in Course.

For information on absence from final examination for other reasons, see section on Incomplete Work in a Course.

College Courses Taken While in High School

Students who have completed college-level coursework offered by an accredited college while in high school may receive credit for courses in which grades of C or better are earned (Grade of D or better if taken in the CUNY College Now Program). Students admitted prior to fall 2019 may only receive non-CUNY college credit for courses (with a grade of 'C' or better) that were not used toward their high school graduation requirements.

An official college transcript(s) is required in order to be evaluated for college credit at Hunter.

College Credit Exams

There are a variety of exams available for high school students to gain college credit before they enroll. Currently, Hunter College accepts the Advanced Placement (AP) exam, the International Baccalaureate (IB) exam, GCE (The General Certificate of Education Advanced Level generally termed the GCE Advanced Level or more commonly the A-level). Hunter students may be granted as much as a year of degree credit (normally 30 credits) for Advanced Placement, International Baccalaureate, GCE, College-Level Examination Program (CLEP), Regent College Examinations (RCE), and College-Level coursework. Students who completed college-level coursework offered by an accredited senior or community college while in high school will receive credit for
courses in which grades of C or better are earned. Official college transcripts must be submitted to the Office of Undergraduate Admissions and Recruitment for credits to be awarded. Students should not register for the same classes once they matriculate.

College Governance

Hunter College has several governing assemblies, most of which provide for student participation.

The Hunter College Senate

Room 1018 Hunter East

The Hunter College Senate, chartered in 1970, is the principal governance body of the college and the only such body that holds a Governance Charter with the CUNY Board of Trustees. The Senate has authority to determine college policy in matters related to:

- Curriculum
- Academic requirements and standards
- Instruction and the evaluation of teaching
- College development, including master plan
- Computing and technology

Representatives of the faculty, student body and administration constitute the voting membership of the Senate and serve for a term of two years. The elected officers of the Senate include the chairperson, vice-chairperson, secretary and the chairperson of the Evening Council, who constitute the Senate Administrative Committee. There are 18 standing committees and a varying number of special and ad-hoc committees. These committees accomplish much of the work of the Senate. Reports and Resolutions from these committees are discussed and voted on at Senate meetings. Membership on committees is representative and open to all faculty and students by election of the full Senate from a slate recommended by the Nominating Committee and by member nominations from the Senate floor.

Regular meetings of the Senate are planned for two hours and are held twice a month. Additional monthly meetings may be called as needed.

Election of faculty and student membership to the Senate occurs during the spring semester.

Faculty members and students are encouraged to become involved in the meetings of the Hunter College Senate and its committees.

Further information may be obtained by visiting the Senate Office.

The Faculty Delegate Assembly

Room 1414 Hunter East

All Hunter faculty, full and part-time, are members of the Faculty Delegate Assembly, which serves to address faculty concerns regarding teaching.
research, and the quality of professional life at Hunter and CUNY. We provide a forum for free and open consideration of significant issues at monthly general meetings. Each academic department in the college elects two members to attend these events, which are also open to all other members and usually include invited speakers from both inside and outside of the college. The FDA also hosts a coffee service in the faculty lounge at the 68th Street campus on most afternoons, organizes social events each semester, publishes a newsletter, The Faculty Voice, and is responsible for periodic updates of the Faculty Handbook.

The Student Governments

Undergraduate Room 121 Hunter North
Graduate Room 218 Thomas Hunter

These elected student groups have an essential role in the life of the college by allocating the Student Activity Fee, as well as facilitating the chartering of student organizations. All of the elected officers serve as student representatives on campus-wide committees concerning matters of college policy. A few are Senators in the Hunter College Senate, while others are elected to serve as delegates and alternates at the University Student Senate (USS) meetings.

The objective of these student officers is to lead by example in fostering diversity and supporting the exchange of peaceful dialogue among the varied constituents on Hunter's many campuses.

Hunter College Ombudsman

Room 1016 Hunter East

The ombudsman is empowered by the Hunter College Governance Charter to investigate complaints and grievances by any member of the college community (student, faculty, staff, or administration) about a problem or condition in the college. When requested and where possible, the anonymity of a complainant will be protected and names will not be used in any reports the ombudsman may make.

When someone feels unfairly treated or unjustly disadvantaged, the ombudsman can advise the person of the available appeals procedures, recommend corrective action to be taken by the appropriate college officers, or recommend changes in college procedures or regulations that would eliminate such injustices in the future.

The ombudsman may be reached at ombuds@hunter.cuny.edu or at (212) 772-4203.

Faculty Personnel and Budget Committee (FP&B)
Composed of the president, the provost and the chairs of departments, FP&B is concerned with appointment, reappointment, promotion and other faculty personnel matters.

**Departmental Committees**

Each department has bylaws approved by the Senate. These bylaws provide for a number of committees, most of which are open to student members. Further information is available in the appropriate departmental office.

**College Name**

The official name of the college, which must be used in correspondence and on application forms for employment, admission to graduate school and transfer to other institutions, is "Hunter College of The City University of New York." Merely referring to "The City University of New York" or "CUNY" will result in the correspondence or application being sent to the Board of Trustees, thereby causing delay in processing.

**College Now**

Students at New York City public high schools may acquaint themselves with undergraduate life by participating in the College Now program at Hunter. Activities range from workshops for sharpening writing or mathematics skills to college-level courses across the arts and sciences. Each summer, the College Now program focuses on the sciences and mathematics by hosting high-performing students at the Summer Institute for accelerated coursework that is complemented by tutoring, college guidance and co-curricular activities. Admission to college-level courses offered through College Now is competitive. To qualify for college-level coursework, including the Summer Institute, a student must demonstrate mastery of basic mathematics and/or verbal skills, depending on the discipline, as measured by the SAT, PSAT and English language arts and mathematics Regents exams. College Now offerings, including credit-bearing courses, are provided at no cost.

For more information on how to apply, visit College Now.

**College Regulations**

Students should be aware of the following regulations:

- Students may not have personal or business mail or telegrams addressed to them at the college.
- The college cannot deliver messages to students except in cases of grave emergency.
• If a student has a visitor, a visitor's pass from the Office of Student Services is required.
• Students are required to present proper identification (Hunter ID Card) upon the request of any college official.
• The college does not provide a check-cashing service.
• No student or outsider may use any part of the college buildings (including bulletin boards) for soliciting or selling any merchandise without written permission from the dean of students, or operating a business for personal gain within the college.
• No student may be a self-appointed representative of the college.
• Only service animals may be brought onto the college campus.
• The use, possession and/or distribution of hallucinogenic drugs, barbiturates, amphetamines, narcotics and other dangerous drugs is prohibited by law and therefore by college regulations.
• Only wine and beer may be served at student sponsored functions. A representative of the sponsoring group must be present at the bar to assure compliance with the minimum drinking age.

**Community Health Program Description**

Students in the Community Health major will develop the skills needed to be able to effectively answer various public health questions through a social justice lens. Community health professionals work to improve the health and wellbeing of entire communities. Students will learn to analyze how both social structures (including poverty, racism and environmental exposures) and behavioral choices shape a community's health. They will take courses in health disparities, epidemiology, public health biology, and community health assessment to develop their analytic skills and courses in health communications and social media to learn tools for addressing public health problems. This program is designed to prepare students for work in community-based and human rights organizations, family planning clinics, mental health centers, homeless shelters, research centers, media organizations, as well as in city, state and national health departments.

This is a competitive, 51-credit major and requires the following prerequisites: completion of 60 credits; combined grade point average (GPA) of all postsecondary institutions attended of minimum 3.0; and completion of the six prerequisite courses with at least a grade of "C". In addition to the transfer application, students are also required to submit a supplemental application (with essay).

**Comparative Literature Faculty Committee**

Return to: Faculty of the School of Arts and Sciences

Sarah Chinn, Professor, English; PhD Columbia
Chris Stone, Associate Professor, Arabic Division, Classical and Oriental Studies; MA, PhD Princeton

Paolo Fasoli, Associate Professor, Romance Languages (Italian); Dottore in Lettere Universita’ di Roma II (Italy), PhD Toronto (Canada)

Robert Koehl, Professor, Classics Division and Chair, Classical and Oriental Studies, PhD University of Pennsylvania

Anselmo Di Iorio, Associate Professor, French; BA Grinnell, MA, PhD Pennsylvania

Computer Science

Return to: Faculty of the School of Arts and Sciences

Debroy, Saptarshi, Assistant Professor: PhD, Central Florida; Cybersecurity, big data networking, distributed and cloud computing, wireless networking.

Epstein, Susan L., Professor: PhD, Rutgers; Problem solving, machine learning, cognitive modeling, knowledge representation, constraint satisfaction programming, bioinformatics.

Khatchadourian, Raffi, Assistant Professor: PhD, Ohio State; Software engineering and software security, formal methods, automated software evolution, static and dynamic program analysis.

Mneimneh, Saad, Assistant Professor: PhD, Massachusetts Institute of Technology; Fast network switches, optical routing, graph problems, and computational biology.

Sakas, William G., Associate Professor and Chair: PhD, CUNY Graduate Center; Cognitive science, computational models of language acquisition, computational linguistics.

Schaffer, Cullen, Associate Professor: PhD, Rutgers; Computation-intensive approaches to data analysis.

Schweitzer, Eric, Lecturer: MA, SUNY at Stonybrook; Theory of computation, logics of knowledge and probabilistic reasoning.

Shankar, Subash, Associate Professor: PhD, Minnesota; Software engineering, formal methods, automated reasoning, system modeling, analysis and verification.

Stamos, Ioannis, Associate Professor: PhD, Columbia; Computer vision and computer graphics, range sensing, 3-D modeling; range segmentation, sensor fusion, range-range and range-image registration.

St. John, Katherine, Professor: PhD, UCLA; Intersection of biology, computing, and mathematics, focusing on tree structures used to model evolutionary histories, binary search trees, and ways to compare and visualize these structures.
Weiss, Stewart N., Associate Professor; PhD, NYU; Software testing, analysis verification, reliability theory, parallel architecture and computing.

Vazquez-Abad, Felisa, Professor; PhD, Brown; Stochastic optimization, modeling and simulation of random processes, statistical estimation of sensitivity for discrete event systems, applied probability, applications of decision making.

Xie, Lei, Associate Professor; PhD, Rutgers; Computational techniques to study the structure, function, dynamic, and evolution of molecular interactions. Bridging the basic sciences with clinical research.

Xu, Jia, Assistant Professor; PhD, Technical University of Aachen (Germany); Computational linguistics, natural language processing, artificial intelligence, machine translation, machine learning.

Zamfirescu, Christina, Professor; PhD, Technical University of Aachen (Germany); Graph theory, algorithms on graphs, transformation networks, discrete mathematics, intersection digraphs, evaluating complexity in chemical topology using graph theory.

Continuing Education Programs

Continuing Education Programs at Hunter College offers non-credit courses for adults in a variety of disciplines. Classes in academic skill development, personal finance, nursing, foreign languages, creative writing, fitness, computers, business and professional development. A variety of Professional Certificate Programs—such as Interpretation/Translation, Legal Studies, Medical Coding and Billing, Computer Programming and Graphic Design—are also offered. Whether students are new to the workforce, looking for a career change or simply looking to learn a new skill, our continuing education programs are designed to enhance professional development and personal enrichment. For more information about the classes offered, call (212) 650-3850 or visit the Continuing Education Website.

Cooperman Business Center, Business Advising

Cooperman Business Center, Business Advising Students interested in a career in business pursue a wide array of opportunities, industries and functions and therefore come from a wide variety of majors including humanities, sciences and social sciences. Many employers agree critical skills, in general, for a career in business include: communication skills, teamwork, problem-solving, project management, and quantitative capability. While there is not a major or minor in business, launching in Spring of 2020, there is a new Business Studies certificate allowing students to gain a recognized credential demonstrating both a facility with some basic business concepts and training, as well as a targeted interest in the world of business.

Cooperman Business Center offers programming, resources, advice and opportunities for students to explore and pursue internships and full-time
opportunities in various fields of business, including finance, consulting, marketing, entrepreneurship, tech and many other areas. The Cooperman Business Center Advising offices are located on the 7th floor of the East Building, Pre-Professional Suite E713. All interested students are encouraged to subscribe for our listserv on the pre-business site to receive valuable information, resources and opportunities. For questions or appointments, students can visit the website or email business advisers: Peggy Segal at ms3171@hunter.cuny.edu or Naomi Press at np1231@hunter.cuny.edu.

Counseling & Wellness Services

http://www.hunter.cuny.edu/cws

Counseling Services offers free and confidential assessment and short-term counseling to enrolled Hunter College students. Professional counselors assist students with personal and emotional difficulties that may interfere with academic progress and success. Additional services include crisis intervention and referrals to community agencies and resources. Counselors are also available to provide consultation services to the entire Hunter College community. 1123 East (212) 772-4931

Immunization Records is responsible for processing student immunization records, and offers health-related information and resources. 307 Hunter North (212)-772-4800

Health Promotion & Education offers a variety of workshops and programs designed to enhance and advance the mental health and well-being of students in support of personal and academic success. Workshops designed to support student well-being are also offered to faculty and staff. 307 Hunter North (212)-772-4909

Course Policies

- Special COVID-19 Flexible Grading Policy for the Fall 2020 Semester
- Special COVID-19 Flexible Grading Policy for the Spring 2020 Semester
- Academic Calendar and Sessions
- Pass/No Credit Policy for Undergraduate Courses
- Courses at Other Accredited Institutions (ePermit)
- Repeating Courses
- Incomplete Work in a Course
- Absence of Instructor
- Suspension of Classes
- Access to College Files
- Auditing
- Elective (or Optional) Credits
- General Rules about Courses
- Undergraduates Taking Graduate Courses
- College Calendar: Schedule of Final Examinations
Courses at Other Accredited Institutions (ePermit)

Currently enrolled degree students may take courses at other accredited institutions (CUNY or other) provided the appropriate procedures are followed.

A department may refuse to authorize a permit if, in its judgment, it is inappropriate to do so.

Students who wish to apply for courses at another CUNY campus may do so by submitting an E-permit via CUNY First. At the Student Center page, use the drop down menu and click on epermit to begin the process. Students wishing to register for courses at non-CUNY institutions must complete a permit form to attend another college. The form is available in the Registrar's Office, 217 Hunter North Building (at the 68th Street campus).

In all cases, permits are authorized by the appropriate department and administered by the Office of the Registrar.

It is the responsibility of students who study at other institutions to have official transcripts of their work sent to the Office of the Registrar as soon as grades are posted. Effective fall 2004, grades for courses taken on permit at CUNY schools are posted to the student's record and are computed in the GPA. All permit credits must be posted to student's Hunter transcripts prior to graduation.

*Note: Hunter students may not take courses on permit during their final semester prior to graduation.*

Courses in Classical Studies

Archaeology: Classical

- CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
- CLA 22000 - Aegean Archaeology (W)
- CLA 22100 - Greek Archaeology (W)
- CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)
- CLA 22300 - Roman Archaeology II: The Archaeology of the Roman Empire
- CLA 22500 - Archaeology of Egypt (W)
- CLA 22700 - Archaeology of Eastern Mediterranean (W)
- CLA 32300 - Archaeology of Anatolia (W)
- CLA 32900 - Problems in Archaeology
- CLA 33000 - Field Seminar in Archaeology

Classical Literature (in English)

- CLA 25000 - Greek and Roman Tragedy (W)
- CLA 25100 - Ancient Comedy (W)
- CLA 25300 - Homer and Vergil (W)
Courses in Classics (CLA)

return to: Greek - BA

Archaeology: Classical

- CLA 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
- CLA 22000 - Aegean Archaeology (W)
- CLA 22100 - Greek Archaeology (W)
- CLA 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)
- CLA 22300 - Roman Archaeology II: The Archaeology of the Roman Empire
- CLA 22500 - Archaeology of Egypt (W)
- CLA 22700 - Archaeology of Eastern Mediterranean (W)
- CLA 32200 - Archaeology of Mesopotamia and Iran (W)
- CLA 32300 - Archaeology of Anatolia (W)
- CLA 32900 - Problems in Archaeology
- CLA 33000 - Field Seminar in Archaeology
Classical Literature (in English)

- CLA 25000 - Greek and Roman Tragedy (W)
- CLA 25100 - Ancient Comedy (W)
- CLA 25300 - Homer and Vergil (W)
- CLA 25400 - The Ancient Novel in Translation (W)

Classics: Ancient Culture

- CLA 10100 - Classical Mythology
- CLA 11000 - The Greek and Latin Roots of English
- CLA 20100 - Greek Civilization (W)
- CLA 20200 - Hellenistic Civilization (W)
- CLA 20300 - Roman Civilization (W)
- CLA 24000 - Topics in Classics
- CLA 30200 - Comparative Backgrounds of Classical Mythology (W)
- CLA 30300 - Religion of Ancient Greece (W)
- CLA 30400 - Pagans and Christians (W)
- CLA 30500 - Women and Slaves in Classical Antiquity (W)
- CLA 30600 - Special Studies in Ancient Greek Culture
- CLA 30700 - Special Studies in Ancient Roman Culture
- CLA 30800 - Magic and Science in the Ancient World (W)
- CLA 31000 - Ancient Sports and Spectacles (W)
- CLA 42100 - Independent Study in Classics
- CLA 49100 - Honors in Classics
- CLA 49800 - Internship

Courses in Greek

Return to Greek and Latin- BA
Courses in Human Rights

Human Rights

Overview

The Human Rights Program examines the theory and practice of human rights, combining academic training with hands-on experience. By exploring the philosophical foundations and legal framework of human rights, as well as addressing current political, social and economic realities, the program seeks to give students the tools necessary to engage intelligently with contemporary human rights problems. Among the thorny issues students may examine are indigenous peoples' rights to natural resources, the limits of freedom of expression, the problem of corporate complicity in rights violations, the legitimacy of humanitarian intervention, and the problem of enforceability (both of economic, social, and cultural rights, and of civil and political rights). An interdisciplinary program, the Human Rights Program offers courses in political science, anthropology, sociology and history, among other fields of study. Students may follow either of two academic tracks: a 15-credit Minor in human rights, or 24-credit Certificate. A key element of both tracks is the human rights internship, which gives students direct experience with the researchers, advocates, lawyers and analysts who make up the human rights movement.

Both the Minor and Certificate in human rights are good preparation for a career in government, at a nongovernmental organization, or in a regional or international agency. Many students may choose to go on to law school, journalism school or a graduate program. Whatever their career choice, their knowledge of human rights will make them more thoughtful and informed citizens.
Programs and Courses in Human Rights

Administration and Faculty

Director of the Human Rights Program and Program Adviser:

Jessica Neuwirth, Program Director
Roosevelt House-RH 404
212-396-6564
jessica.neuwirth@hunter.cuny.edu

Program Manager:

JoAnne Vellardita
Roosevelt House-RH 401
212-396-7946
joanne.vellardita@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/

Program Associate:

Kelsey Adolphs
Roosevelt House-RH 401
212-396-7948
kadolphs@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/

Policy and Curriculum Committee

Carol Gould, Chair, Professor, Philosophy; PhD Yale University
http://www.hunter.cuny.edu/philosophy/faculty/carol-c.-gould

Yukiko Koga, Associate Professor, Anthropology; PhD Columbia
http://www.hunter.cuny.edu/anthropology/faculty-staff/full-time-faculty/koga-yukiko

Marnia Lazreg, Professor, Sociology, PhD New York University
http://www.hunter.cuny.edu/sociology/faculty/marnia-lazreg

Deborah Tolman, Professor, Women & Gender Studies, PhD Harvard University
http://www.hunter.cuny.edu/wgs/women-and-gender-studies-staff

John Wallach, Professor, Political Science; PhD Princeton University
http://www.hunter.cuny.edu/polsci/faculty/Wallach
HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

**Pluralism and Diversity**
PD/D
GER
3/B

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.

**prereq:** ENGL 1200 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.

3 hrs
3 cr.
fall and spring; summer when possible

HR 22000 - Special Topics in Human Rights

This course covers special topics in human rights. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. The course may be repeated four times for credit with different topics.

**prereq:** ENGL 12000; HR 20000 is recommended but not required

3 hrs
3 cr.

HR 25000 - Human Rights Internship

This is a practicum course. It involves students participating in an organization that identifies its mission as the promotion of human rights. The aim of the course is to educate students in the practical dimension of translating human rights discourse and law into practice. The course is required for students seeking a Human Rights Certificate or a minor in Human Rights.

**prereq:** ENGL 12000 or equivalent; HR 20000 or equivalent

3 hrs
3 cr.
fall, winter, spring, and summer
HR 26000 - Human Rights Internship Seminar (W)

This course critically evaluates the role of human rights organizations and human rights practices in determining the meaning and value of human rights.

prereq: ENGL 12000 and HR 20000
prereq or coreq: HR 25000
3 hrs
3 cr.
fall semesters on Wednesdays, 10:10 a.m. – 1:00 p.m. It is recommended that students not take an earlier Wednesday morning class, as site visits off campus may start at 10:00 a.m.

HR 32000 - Special Topics in Human Rights

This course covers special topics in human rights on an advanced undergraduate level. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. May be repeated four times for credit with different topics.

prereq: ENGL 12000; HR 20000 or Permission of Instructor or Permission of Human Rights Program Director
3 hrs
3 cr.

HR 35000 - Human Rights Capstone Seminar (W)

This course involves the theoretical examination of constitutive problems in the discourse and practice of human rights, especially as they would inform the composition of a human rights academic research project. It requires participating students to present their research projects in the seminar and to compose a 20-25 page research paper on a human rights topic.

This course is specifically designed for students who are pursuing a Certificate in Human Rights. This is a writing intensive course.

prereq or coreq: HR 26000
Offered spring only

Courses in Latin

- LAT 10100 - Beginning Latin
- LAT 10200 - Beginning Latin
- LAT 10700 - Beginning Latin, Intensive
- LAT 20100 - Ovid's Metamorphoses
- LAT 20200 - Roman Biography
The Hunter-Bellevue School of Nursing is located at Hunter College's Brookdale Health Science Center at 425 East 25th Street in Manhattan, near Bellevue Hospital. The School's programs combine liberal and professional education with a humanistic and comprehensive approach to health care. The School's mission is to provide quality nursing education to promote health and provide care to culturally diverse, urban, and global communities through research, scholarship, and service. The School's programs combine liberal and professional education with a humanistic and comprehensive approach to health care.

The School offers three programs leading to the Bachelor of Science (with a major in nursing) degree: the Generic Program, for students who do not have an RN license; the RN to BS Program, for students who have completed a nursing program and have received or are about to receive a current RN license to practice professional nursing in New York State and the Accelerated 2nd Degree Program, for students who have already achieved a baccalaureate degree in another field of study and wish to transition into a nursing career. Information on applying to all of our programs is available at http://www.hunter.cuny.edu/nursing. In earning the Bachelor of Science (with a major in Nursing) degree, students in all programs complete core requirements and professional education curriculum requirements.
What can I do with my degree in Nursing?

Hunter-Bellevue Baccalaureate graduates are prepared to practice as generalist nurses in health care settings.

Programs and Courses

Programs and Courses in Hunter-Bellevue School of Nursing

Admission Requirements (all Programs) and Policies

- Admission Requirements (all Programs)
- GPA Requirements for Nursing Programs
- Attendance Requirements for Nursing
- Grading Policy for Nursing Courses

Licensing and Accreditation

- Accreditation
- Licensing

Centers

- The Health Professions Education Center (HPEC)

Administration

425 East 25th St.
New York, NY 10010
http://www.hunter.cuny.edu

Joan Hansen Grabe Dean of Nursing

Gail C. McCain
530 Brookdale Campus West
(212)481-7596

Associate Dean, Administration

Frank Flammino
600A Brookdale Campus West
(212) 481-7667

Acting Associate Dean, Research
Faculty

Faculty of Hunter-Bellevue School of Nursing

HEGIS Codes: 1203 (Generic); 1203.10 (RN to BS)

**NURS 20000 - Introduction to Nursing**

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.
RN to BS only: online

*prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall*

**NURS 21000 - Nursing Fundamentals and Health Assessment**

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of
the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.

Material fee: $50.00

prereq: (Generic) BIO 12000, NURS 20000, NURS 24000
(A2D) CHEM 10000/10100; STAT 11300

coreq: (Generic) BIO 12200, BIO 23000, NURS 34300
(A2D): NURS 20000; NURS 22000; NURS 33100

30 hrs Lecture; 30 hrs Health Assessment Lab; 45 hrs Clinical
4 cr.

NURS 22000 - Adult Health and Illness

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utilization of the nursing process, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experimental learning in a variety of settings provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00

prereq: (Generic): NURS 21000, NURS 34300, NURS 24000; BIO 12200, BIO 23000
(A2D): CHEM 10000/10100; STAT 11300

coreq: (Generic) NURS 33100; NURS 33200
(A2D): NURS 20000, NURS 21000, NURS 33100

22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs Clinical
4 cr.

NURS 24000 - Foundations of Genetics for Nurses

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.

For RN to BS students only: online

prereq: (generic) CHEM 10000/10100, STAT 11300;
(RN-BS) CHEM 10000/10100

coreq: (generic) NURS 20000, NURS 21000

30 hrs lecture
2 cr.

NURS 33100 - Pharmacology I

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.
**NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process**

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.

**prereq:** NURS 22000

30 hrs
2 cr.

**NURS 33400 - Pathopharmacology**

An intensive course focused on a molecular understanding of the disease process. The course emphasizes physiological disruptions, associated nursing care, and pharmacological management. for RN students only

online

**prereq:** CHEM 10000/10100; BIOL 23000

4 hrs
4 cr.

**NURS 33900 - Pharmacology II**

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.

**prereq:** (Generic and A2D) NURS 22000; NURS 33100

**coreq:** (generic) NURS 35200; NURS 36000
(A2D) NURS 34300, NURS 35200, NURS 36000

3 hrs.
3 cr.

**NURS 34000 - Women's Health**
Pluralism and Diversity
PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr.

NURS 34200 - Ethical Issues in Nursing Practice

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

3 hrs
3 cr.

NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000
coreq: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000
45 hrs
3 cr.

NURS 34500 - HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers

Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.

3 hrs
3 cr.

NURS 34600 - Death and Dying

Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.

3 hrs
3 cr.
NURS 34900 - Foundations of Ethics and End-of-Life Care

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated "ELNEC Trained."

prereq: NURS 22000  
coreq: NURS 45500; NURS 46000  
45 hrs. lecture  
3 hrs.

NURS 35000 - Independent Study in Nursing

An opportunity to explore a topic relevant to nursing which is of individual interest.  
1-3 hrs  
1-3 cr.

NURS 35100 - Gender, Science and Technology

Pluralism and Diversity  
PD/C  
Explores the complex relationship between women and the sciences.  
cross-listed WGSS 35100  
3 hrs  
3 cr.

NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.

prereq: (generic & A2D) NURS 22000; NURS 33100  
coreq: (Generic ) NURS 33900; NURS 36000  
(A2D) NURS 33900, NURS 34300; NURS 36000  
30 hrs. Lecture, 90 hrs. Clinical  
4 cr.
NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.

prereq: NURS 22000; NURS 33100 (generic & A2D)
coreq: (Generic) NURS 33900; NURS 35200
(A2D) NURS 33900, NURS 34300; NURS 35200
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical
4 cr.

NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service-learning are introduced.

for RN students only

online

3 hrs

3 cr.

NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.

For RN to BS only: online

prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none

3 hrs

3 cr.

NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.

Fully online.

Material Fee: $45

prereq: CHEM 10000, CHEM 10100
NURS 39998 - Urban Disaster Response and the Health Care Team

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.

NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200

NURS 42200 - Health Policy and Leadership

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses' roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200

NURS 42300 - Foundations of Ethics and Palliative Care

An introduction to ethics and palliative care in nursing.
for RN students: online

prereq: CHEM 10000/10100; STAT 11300
3 hrs
3 cr.

NURS 44000 - Stress Management for Nurses

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.
3 hrs
3 cr.

NURS 44100 - Selected Studies in Nursing Research

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.

prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs.
3 cr.

NURS 44200 - Nursing Care of Acute and Critically Ill Clients

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.
3 hrs
3 cr.

NURS 44500 - Teaching-Learning Across the Developmental and Health Continua

Pedagogical/androgogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.
3 hrs
3 cr.

NURS 45000 - Computer Concepts and Application in Nursing

Study of computing concepts, principles, practices, and applications in nursing and health care.
3 hrs
3 cr.

NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social,
economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.

**prereq:** (generic & A2D) NURS 35200; NURS 36000  
**coreq:** (generic) NURS 34900, NURS 46000  
(A2D) NURS 46000  
30 hrs: Lecture, 90 hrs: Clinical  
4 cr.

**NURS 46000 - Mental and Behavioral Health Nursing**

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.  
Material fee: $25.00  
**prereq:** (generic & A2D) NURS 35200; NURS 36000  
**coreq:** (generic) NURS 34900, NURS 45500  
(A2D) NURS 45500  
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical  
4 cr.

**NURS 46500 - Spirituality in Nursing Care**

This course prepares students to value, assess and respond to the spiritual needs of patients in diverse populations and communities.  
**coreq:** NURS 20000, NURS 21000  
2 hrs.  
2 cr.

**NURS 47000 - Adult Acute Illness/ Immersion Clinical**

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and/or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.  
**prereq:** NURS 45500; NURS 46000  
**coreq:** (Generic) NURS 42200; NURS 49000; NURS 49200  
(A2D) NURS 42000;NURS 49000; NURS 49200
NURS 47100 - Nursing Care in Domestic and Global Disasters

This course prepares nurses to function clinically on a beginning level as a disaster team member. The focus is on triage of patients and leadership skills needed when social, health care and protective services have been disrupted due to natural or man-made disasters, including fires, earthquakes, floods, civil violence, and bioterrorism. Ethical and legal challenges to the scope of nursing practice are considered from the first responder's perspective. 
prereq: NURS 20000, NURS 21000, NURS 22000
2 hrs.
2 cr.

NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement.
4 hrs
4 cr.

NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program. Fully online-hybrid.
3 hrs
3 cr.

NURS 48300 - Politics of Health

An analysis of the relationships between politics and health status, health services and health care providers.
3 hrs
3 cr.

NURS 48500 - Contemporary Issues in Domestic and Global Healthcare

Students investigate current topics affecting health care delivery nationally and internationally from social, political, economic and ethical perspectives. Topics include, but are not limited to, barriers to implementing affordable care, the influence of pharmaceutical conglomerates, health effects of mass immigration
Students are expected to identify a developing issue and to prepare a response directed at legislators, professionals or a lay people, that is informative about the topic in a written format for possible publication. The course is structured to support the importance of life-long learning.

NURS 49000 - Gerontological Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with inter-disciplinary health teams.

NURS 49100 - Gerontology for Nurses

This course provides a knowledge and skill base for effective nursing care of older adult clients.

For RN students only

online

prereq: CHEM 10000/10100

3 hrs

3 cr.

NURS 49200 - Advanced Synthesis of Nursing Knowledge

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a
comprehensive examination to determine their mastery of professional nursing content.

prereq: (generic) NURS 33900, NURS 34900, NURS 45500, NURS 46000
(A2D) NURS 33900, NURS 45500, NURS 46000 (A2D)
coreq: (Generic) NURS 42200; NURS 47000; NURS 49000
(A2D) NURS 42000; NURS 47000; NURS 49000
22.5 hrs: Lecture, 30 hrs: Lab
2 cr.

NURS 49500 - Writing for Health Professionals: A Course for Undergraduates

In this course, students explore and refine their powers of observation, description, and expression through writing. Students engage in prompted narrative writing exercises and produce new out-of-class writings that are discussed in small groups and revised. The cultural and personal context in which writing is produced and read is emphasized. Scholarly and literary works are discussed, as are blogs. Students are guided to explore and test strategies for overcoming personal challenges to timely, effective writing.

prereq: ENGL 12000
45 hrs.
3 cr.

Courses in Public Policy

Public Policy

Overview

The Public Policy program is based on the understanding that the preparation of informed individuals is the key to a vibrant participatory democracy. The program prepares students by providing essential research and analytical skills that are important goals of a strong liberal arts education. Our graduates are unique; they span many majors from Anthropology to Psychology, Chinese and Classics. Students have an opportunity to interact first-hand with policy experts and practitioners, both in the classroom and outside, and learn how policies are created, how communities come together to demand change, who benefits from specific policies, and how to measure the impact of laws. These are important skills that enable graduates to either embark on careers in public affairs and the nonprofit sector, or remain engaged in public affairs—nationally and globally—regardless of their stated major, career goals, or personal objectives.

What can I do with my certificate in Public Policy?
Participation in the Public Policy Program, via either the Minor or the Certificate, will provide students with skills, experience and knowledge that will strengthen their applications to graduate school or law school, and help them in their future careers.

Program and Courses

Programs and Courses in Public Policy

Administration and Faculty

Program Contact:

Shyama Venkateswar, Ph.D.
Director of the Public Policy Program and Distinguished Lecturer
Roosevelt House
(212) 396-7935
shyama.venkateswar@hunter.cuny.edu

Public Policy Program Faculty

Advisory Committee

Public Policy

Minor in Public Policy

Core Requirements

An 18-credit undergraduate minor in public policy is open to students in all disciplines. In addition to the Core Requirements, students need to take one course in each of the four basic skill areas (political, economic, quantitative and normative analysis).

- PUPOP 10000 Introduction to Public Policy
- PUPOP 40000 Capstone Seminar
- POLSC 11000 American Government: A Historical Introduction
- ECO 20000 Principles of Microeconomics
- Choose one course in Quantitative Analysis: ECO 22100 Economic Statistics -or- POLSC 20600 Research Design in Political Science (W) -or- SOC 21800 Social Inequality -or- STAT 21300 (STEM) Introduction to Applied Statistics
- Choose one course in Normative, Ethical, and Value Analysis. Such courses include but are not limited to: PHILO 10400 Introduction to Ethics and Moral Judgment -or- PHILO 10600 Philosophy, Politics and Society -or- PHILO 24400 Moral Philosophy (W) -or- SOC 21800 Social Inequality -or- POLSC 30500 Democratic Theory (W) -or- POLSC 31100 Utopian Theory (W)
Public Policy Certificate

Public Policy is an 18-credit undergraduate minor open to students in all disciplines. Students also have an option to receive a Certificate in Public Policy by taking 9 additional credits (for a total of 27 credits).

The Roosevelt House public policy program is based on the understanding that the preparation of informed individuals is the key to a vibrant participatory democracy. The program prepares students by providing essential research and analytical skills that are important goals of a strong liberal arts education. Our graduates are unique: they span many majors from Anthropology to Political Science, Women & Gender Studies to Biology. Students have an opportunity to interact first-hand with policy experts and practitioners, both in the classroom and outside, and learn how policies are created, how communities come together to demand change, who benefits from specific policies, and how public policy impacts can be best measured. These are important skills that enable students to enter competitive graduate school programs, or to embark on careers in public affairs and the nonprofit sector at the local, national or global level.

Core Requirements

An 18-credit undergraduate minor in public policy is open to students in all disciplines. In addition to the Core Requirements, students need to take one course in each of the four basic skill areas (political, economic, quantitative and normative analysis).

PUPOL 10000 - Introduction to Public Policy

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines. Writing Requirements: This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House. 
prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr.

PUPOL 40000 - Capstone Seminar

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the
knowledge and skills acquired in their other courses to a specific policy
problem. An interdisciplinary course, it will require students to make an inquiry
into a specific policy problem. The project will be overseen jointly by a faculty
adviser who specializes in the substantive area of public policy chosen and
another faculty adviser in the program by writing a formal paper.
Each student will write an appropriately revised 5-7 page research proposal and
a 20-25 page research paper involving primary research.
These courses are only open to students enrolled in the program. They cannot
be used to fulfill any other requirements. This course is taken at the state of the
art Roosevelt House.

prereq: Students must have completed 45 credits, have a declared major, and a
cumulative GPA of 3.0 or higher.
3 hours
3 credits

POLSC 11000 - American Government: A Historical
Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with
emphasis on the Constitution and its enduring influence, development of party
systems and citizen participation and evolving role of Congress, presidency and
courts.

Not open to students who have passed CLEP or the AP American Government
exam or who have taken or received transfer credit for POLSC 11100. Please
note that all versions of Introduction to American Government taken at other
colleges and universities or credited by examination (e.g., CLEP, AP American
Government) are the equivalent of POLSC 11100. Students cannot use credit
for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or
major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

ECO 20000 - Principles of Microeconomics

GER
2/B

Covers the fundamental principles and analytical tools of microeconomics. The
course develops models of consumer and firm behavior and uses them to study
foundational topics such as taxation, labor and trade. The course builds tools
for welfare analysis in perfectly competitive and imperfectly competitive
markets.

May be taken prior to or concurrently with ECO 20100.
prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000
3 hrs
3 cr.

ECO 22100 - Economic Statistics

Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3 hr lecture or 2 hr lecture/1 hr discussion
3 cr.

PHILO 10600 - Philosophy, Politics and Society

Hunter Core
Individual and Society (Social Science) -I&S SS
Pluralism and Diversity
PD/D
GER
2/C

Introduction to social and political philosophy.
3 hrs
3 cr.
offered each semester

Certificate in Public Policy: Substantive Policy Specialization

For the Public Policy Certificate each student will take the 6 core courses (18 credits) for the Minor and will be required to declare a substantive area of specialization comprised of 3 courses (9 credits) of additional course work. These may be grounded in a particular discipline or disciplines and should be at the 300-level or by permission of the program director. Or a student may use the substantive specialization to take advantage of clusters of expertise that exist across several Hunter departments. Examples of the latter include (but are not limited to) immigration, health, aging, gender studies, macroeconomics, public finance, economic development, social welfare, public law, human rights, ethics, international relations, international trade, education, urban affairs, environmental studies, and labor. Courses designated for the substantive specialization need approval by the director of the program.
Additional Opportunities

The Public Policy Program offers other unique opportunities to its students in the form of conferences, lectures, brown bag seminars, internships and travel. These options are designed to enrich and supplement the students' experiences at the Roosevelt House Public Policy Institute.

Generic Policy Courses

Advanced courses which build on the knowledge and skills acquired in the core courses and are applicable to students in a wide range of substantive specializations.

Internships

While internships are not a formal requirement to complete the program, it is a highly recommended option. Undergraduate internship programs are designed to give students a chance to work in a policy-related institutional setting outside the university, either in a government agency, nonprofit, think tank, or advocacy group. Additionally, Roosevelt House has entered into a partnership with the prestigious Brookings Institution in Washington, DC to place a few undergraduates enrolled in the Public Policy Program to work with their scholars in the summer.

Policy Colloquia

A colloquium series will be launched at Roosevelt House that will allow students and faculty to come together several times a semester to discuss public policy issues. Guest speakers, including scholars and practitioners, with relevant expertise will be invited to discuss topics of the day either individually or in panels.

PUPOL 10000 - Introduction to Public Policy

An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines.

Writing Requirements: This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0

3 hrs

3 cr.
PUPOP 40000 - Capstone Seminar

This writing intensive course is the culminating experience in the Public Policy minor/certificate. It provides students with an opportunity to apply the knowledge and skills acquired in their other courses to a specific policy problem. An interdisciplinary course, it will require students to make an inquiry into a specific policy problem. The project will be overseen jointly by a faculty adviser who specializes in the substantive area of public policy chosen and another faculty adviser in the program by writing a formal paper. Each student will write an appropriately revised 5-7 page research proposal and a 20-25 page research paper involving primary research. These courses are only open to students enrolled in the program. They cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

prereq: Students must have completed 45 credits, have a declared major, and a cumulative GPA of 3.0 or higher.

3 hours
3 credits

PH 41500 - Grant Writing in Public Health

Capstone course that synthesizes theory and methods of health promotion program planning: needs assessment, planning, implementation, and evaluation; and integrates these into a grant writing project.

prereq: PH 30400, PH 41100
prereq or coreq: PH 41300

3 hrs.
3 cr.

Courses in Thomas Hunter Honors Program

Thomas Hunter Honors Program

Overview

The interdisciplinary Thomas Hunter Honors Program provides some outstanding undergraduate students with a course of study suited to their individual needs and interests. Students selected for the Thomas Hunter Honors Program must show evidence of high academic potential, interdisciplinary interests and intellectual curiosity, as well as the willingness to explore unfamiliar fields and to accept challenges.

Students may apply for admission to the program on their own or they may be invited to participate in recognition of their outstanding academic records. Many graduates of the Thomas Hunter Honors Program go on to PhD programs in the various arts and sciences, or to law, medical and other professional
schools. Others choose careers in a wide variety of professional, artistic and business fields.

**College Requirements**

The Thomas Hunter Honors Program requires that students maintain breadth in their programs, create a significant pattern of courses in at least two academic areas of investigation (Humanities and Arts, Social Sciences, Sciences and Mathematics), including at least one laboratory science course. All programs must be approved every semester by a Council adviser.

Students entering Hunter in fall 2013 or later, are required to complete the College's Common Core requirements. Note that all colloquia in the 200 or 300 series are "W" courses.

**Courses**

Courses in Thomas Hunter Honors Program

**Administration and Faculty**

**Program Coordinator:**

Sarah R. Jeninsky  
(212) 772-4127  
thhp@hunter.cuny.edu

**Program Office:**

1421 West  
(212) 772-4127  
Web site: http://hunter.cuny.edu/thhp

**Faculty**

Thomas Hunter Honors Program Faculty

**Thomas Hunter Honors Program**

**Major**

Students in the Thomas Hunter Honors Program who wish to design an interdisciplinary major for themselves may do so in consultation with the appropriate Council adviser. The final transcript of such students designates the major as "Special Honors Curriculum." Most students in the Thomas Hunter Honors Program, however, elect to fulfill the requirements for one or more specific departmental majors. These students abide by departmental criteria for
the major, and are expected to pursue departmental honors in their major. Their final transcript records the major as Special Honors Curriculum/Specific Department. Whatever their major concentration, all students in the Program must also successfully complete three special interdisciplinary honors colloquia (see further on) and maintain a cumulative grade point average of 3.5 or better until their final certification into the Program. Certification usually occurs in the student’s junior year, when the Council, ruling on each case individually, decides that the student's continuing academic distinction, commitment to interdisciplinary work, and promise of future productivity warrant permanent membership in the Thomas Hunter Honors Program.

Thomas Hunter Honors Program students meet regularly in 200-level and 300-level colloquia, led by members of the Council on Honors and by other invited members of the faculty. Students take a minimum of three colloquia, one of which must be at the 200-level, and one of which must be at the 300-level. While the specific content of these courses varies from semester to semester, the underlying principles remain the same.

The 200-level colloquium is taught by one professor, often a member of the Council on Honors, who studies a specific theme using the materials and methodologies of at least two disciplines. Students may take more than one of these colloquia if they so desire, but at least one must be taken during their first year in the Program. The 300-level honors colloquia are special seminars, usually conducted by two professors, devoted to topics lending themselves to broad interdisciplinary investigation. One of the required three colloquia must be a 300-level.

The colloquia offer breadth of exposure, but, even more importantly, they seek to demonstrate how knowledge gained from a variety of disciplines can be related and integrated in an effort to understand complex processes and phenomena. In all colloquia, students write at least one major paper, in which they apply the methodology of the course to material of particular interest to them.

Upon completion of 90 credits, Thomas Hunter Honors students may also be admitted by the Council to Advanced Interdisciplinary Studies, with the opportunity of engaging in advanced independent study under the Council's supervision. A thesis or other appropriate report of the results of the student's research is presented to the Council.

HONS 20100 - Sophomore Honors Colloquium (W)

Pluralism and Diversity
PD/D
Sample topics: Integrating the Irrational; Dante's World; Language, Learning, and Computation; Law and Literature; The Gothic; Ethics in Public Health. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.
prereq: perm dept.
3 hrs
3 cr.

HONS 30100 - Upper-Level Honors Colloquium (W)
Pluralism and Diversity
PD/D
Sample topics: Behavior and Evolution; Greek Myth in the Arts; Energy and Environment; Politics of Southern Africa. May be taken more than once with different topics. Some topics may meet a PD requirement; check with adviser.
prmreq: perm dept.
3 hrs
3 cr.

HONS 30199 - Interdisciplinary Independent Study

prmreq: perm honors council
3 hrs
3 cr.

HONS 49100 - Advanced Interdisciplinary Studies

prmreq: perm honors council
6 hrs
6 cr.

Courses taken at Early College Initiative High Schools

Students who have earned college credits at an ECI high school may receive up to 30 credits (in combination with any AP, IB, CLEP, A-Level, or GCE exams credits) provided that they have received a grade of D or better (grade of C or better is required for Bard Early College High Schools). Students who have earned their AA or AS degree from an ECI high school will be considered as freshmen, but may be awarded a maximum of 70 credits provided that they have received a grade of D or better (grade of C or better is required for Bard Early College High Schools) and these courses are deemed as transferable. AA or AS holders who accept the offer of admission for the Hunter College Macaulay Honors Program or any of the Honors Scholar Cohorts programs can only receive a maximum of 30 credits and must forfeit the additional credits earned from the Associate degree.

CUNY 7th Day Financial Aid Certification Date policy

Beginning fall 2014 CUNY implemented the 7th day Financial Aid Certification Date policy. Students’ credit load as of the end of the 7th day of the semester will determine their financial aid status and eligibility for federal and state aid programs they may qualify to receive for the semester.
CUNY Macaulay Honors College at Hunter College

The Macaulay Honors College at Hunter College attracts students with outstanding academic records who seek intellectual challenges in a supportive environment. Using the undergraduate online application available through the CUNY Web site (www.cuny.edu/apply), students select the Macaulay Honors College and then indicate Hunter College as their desired campus.

A student must enter the Macaulay Honors College as a first semester freshman and may seek admission for the following fall. The application deadline is December 1. For more information on the Macaulay Honors College, see Special Academic Programs of this catalog or inquire at the Macaulay Honors College Office, Room 630A Hunter East, (212) 650-3556.

CUNY Manual of General Policy

ARTICLE V FACULTY, STAFF AND ADMINISTRATION: Policy 5.20 Student Complaints About Faculty conduct in Academic Settings

1. Introduction

The university and its colleges have a variety of procedures for dealing with student-related issues, including grade appeals, academic integrity violations, student discipline, disclosure of student records, student elections, sexual harassment complaints, disability accommodations, and discrimination. One area not generally covered by other procedures concerns student complaints about faculty conduct in the classroom or other formal academic settings. The university respects the academic freedom of the faculty and will not interfere with it as it relates to the content or style of teaching activities. Indeed, academic freedom is and should be of paramount importance. At the same time the university recognizes its responsibility to provide students with a procedure for addressing complaints about faculty treatment of students that are not protected by academic freedom and are not covered by other procedures. Examples might include incompetent or inefficient service, neglect of duty, physical or mental incapacity and conduct unbecoming a member of the staff.

2. Determination of Appropriate Procedure

If students have any question about the applicable procedure to follow for a particular complaint, they should consult with the chief student affairs officer. In particular, the chief student affairs officer should advise a student if some other procedure is applicable to the type of complaint the student has.
3. Informal Resolution

Students are encouraged to attempt to resolve complaints informally with the faculty member or to seek the assistance of the department chairperson or campus ombudsman to facilitate informal resolution.

4. Formal Complaint

If the student does not pursue informal resolution, or if informal resolution is unsuccessful, the student may file a written complaint with the department chairperson or, if the chairperson is the subject of the complaint, with the academic dean or a senior faculty member designated by the college president. (This person will be referred to below as the "Fact Finder.") Only students in a faculty member's class or present in another academic setting where the alleged conduct occurred may file complaints against that faculty member.

- The complaint shall be filed within 30 calendar days of the alleged conduct unless there is good cause shown for delay, including but not limited to delay caused by an attempt at informal resolution. The complaint shall be as specific as possible in describing the conduct complained of.

- The Fact Finder shall promptly send a copy to the faculty member about whom the complaint is made, along with a letter stating that the filing of the complaint does not imply that any wrongdoing has occurred and that a faculty member must not retaliate in any way against a student for having made a complaint. If either the student or the faculty member has reason to believe that the department chairperson may be biased or otherwise unable to deal with the complaint in a fair and objective manner, he or she may submit to the academic dean or the senior faculty member designated by the college president a written request stating the reasons for that belief; if the request appears to have merit, that person may, in his or her sole discretion, replace the department chairperson as the Fact Finder.

The chairperson may also submit a written request for recusal for good cause to the academic dean or senior faculty member designated by the college president to review such requests. If a recusal request is granted, a different department chairperson shall conduct the investigation, or, if no other chairperson is available, an administrator designated by the college president shall serve in the chairperson's stead. Further, the college president may re-assign investigations as necessary, including but not limited to situations in which a Fact Finder has not completed an investigation in a timely manner. In addition, during any time that no department chairperson is available to investigate a complaint, the college president may assign an administrator to investigate.

- The Fact Finder shall meet with the complaining student and faculty member, either separately or together, to discuss the complaint and to try to resolve it. The Fact Finder may seek the
assistance of the campus ombudsman or other appropriate person to facilitate informal resolution.

• If resolution is not possible, and the Fact Finder concludes that the facts alleged by the student, taken as true and viewed in the light most favorable to the student, establish that the conduct complained of is clearly protected by academic freedom, he or she shall issue a written report dismissing the complaint and setting forth the reasons for dismissal and send a copy to the complaining student, the faculty member, the chief academic officer and the chief student affairs officer. Otherwise, the Fact Finder shall conduct an investigation. The Fact Finder shall separately interview the complaining student, the faculty member and other persons with relevant knowledge and information and shall also consult with the chief student affairs officer and, if appropriate, the college ombudsman. The Fact Finder shall not reveal the identity of the complaining student and the faculty member to others except to the extent necessary to conduct the investigation. If the Fact Finder believes it would be helpful, he or she may meet again with the student and faculty member after completing the investigation in an effort to resolve the matter. The complaining student and the faculty member shall have the right to have a representative (including a union representative, student government representative or attorney) present during the initial meeting, the interview and any post-investigation meeting.

• e. In cases where there is strong preliminary evidence that a student's complaint is meritorious and that the student may suffer immediate and irreparable harm, the Fact Finder may provide appropriate interim relief to the complaining student pending the completion of the investigation. The affected faculty member may appeal such interim relief to the chief academic officer.

• At the end of the investigation, the Fact Finder shall issue a written report setting forth his or her findings and recommendations, with particular focus on whether the conduct in question is protected by academic freedom, and send a copy to the complaining student, the faculty member, the chief academic officer and the chief student affairs officer. In ordinary cases, it is expected that the investigation and written report should be completed within 30 calendar days of the date the complaint was filed.

5. Appeals Procedure

If either the student or the faculty member is not satisfied with the report of the Fact Finder, the student or faculty member may file a written appeal to the chief academic officer within 10 calendar days of receiving the report. The chief academic officer shall convene and serve as the chairperson of an Appeals Committee, which shall also include the chief student affairs officer, two faculty members elected annually by the faculty council or senate and one student elected annually by the student senate. The Appeals Committee shall review the findings and recommendations of the report, with particular focus on whether the conduct in question is protected by academic freedom. The Appeals Committee shall not conduct a new factual investigation or overturn any factual findings contained in the report.
unless they are clearly erroneous. If the Appeals Committee decides to reverse the Fact Finder in a case where there has not been an investigation because the Fact Finder erroneously found that the alleged conduct was protected by academic freedom, it may remand to the Fact Finder for further proceedings. The committee shall issue a written decision within 20 calendar days of receiving the appeal. A copy of the decision shall be sent to the student, the faculty member, the department chairperson and the president.

6. Subsequent Action

Following the completion of these procedures, the appropriate college official shall decide the appropriate action, if any, to take. For example, the department chairperson may decide to place a report in the faculty member's personnel file or the president may bring disciplinary charges against the faculty member. Disciplinary charges may also be brought in extremely serious cases even though the college has not completed the entire investigative process described above; in that case, the bringing of disciplinary charges shall automatically suspend that process. Any action taken by a college must comply with the bylaws of the university and the collective bargaining agreement between the university and the Professional Staff Congress.

7. Campus Implementation

Each campus shall implement these procedures and shall distribute them widely to administrators, faculty members and students and post them on the college Web site.

CUNY Medical Withdrawal & Re-Entry Policy

I. Introduction

The City University of New York ("CUNY") is committed to the academic success and personal growth of its students. As part of that commitment, the university and its constituent campuses are responsible for providing a safe learning and working environment for students, faculty, staff and other members of the university community. Some students may, because of a medical condition, engage in behavior that presents a direct threat of harm to themselves or to others, or substantially disrupts the learning or working environment of others. In such situations, the safety and security of the campus community, including the individual student, is paramount. This policy does not replace or supersede reasonable and appropriate security and health and safety measures, such as calling 911 or taking other immediate action in case of imminent threat to life or limb.
In addition to taking action to protect the security and safety of the campus community, a college may address the student's conduct to determine if action under this policy or under the student disciplinary process is appropriate. When a student's conduct that directly threatens or substantially disrupts the learning or working environment of others appears to relate to a medical condition, the campus may, at its option, address the student's conduct either in accordance with this policy, or through the student disciplinary process. If the student's conduct constitutes a threat solely to him or herself, it should be addressed under this policy rather than the disciplinary process.

II. Policy

A. As an alternative to disciplinary action that may be taken under Article XV of CUNY's Bylaws, a college of CUNY may bring a proceeding to require a student to withdraw from the university, or, under some circumstances, the student's home college and/or from residence in a college residence hall under this withdrawal policy and procedures when the student's behavior evidences a direct threat of harm to others, or when the student's behavior substantially disrupts the learning or working environment of others. A direct threat means a significant risk of harm to health or safety.

B. A student who threatens to commit or attempts to commit suicide, and who does not otherwise threaten direct harm to others or substantially disrupts the learning or working environment of others, shall not be subject to disciplinary action for that threat or attempt under Article XV of the CUNY's Bylaws. If a college determines that withdrawal of the student or retention of the student subject to specified conditions is appropriate because the student's behavior threatens direct harm to him or herself, the procedures outlined below shall apply instead of disciplinary procedures.

C. A student who withdraws or is withdrawn from the University, a college or college residence hall pursuant to this policy may apply for re-entry to the University, a college and/or to a college residence hall. The application for re-entry shall be made to the student's home college's Chief Student Affairs Officer, who shall determine whether the student still presents a direct threat of harm to him or herself or others or still presents a significant risk to substantially disrupt the learning or working environment of others. If the Chief Student Affairs Officer or designee determines, based on the assessment of a qualified, licensed mental health professional, that there is not a significant risk that the behavior that required withdrawal will be repeated, he or she shall approve the student's application for re-entry.

III. Procedures

A. Emergency Interim Removal

1. If a student's behavior presents an immediate, severe and direct threat to him or herself or others (by evidencing a likelihood of harm
to him or herself or others), or is substantially disrupting the learning or working environment of others, the Chief Student Affairs Officer or designee (if such Officer is not immediately available) may direct an emergency interim removal of the student that restricts the student's access to the College's campus or residence hall, as appropriate, for an interim period before a final determination of the matter. The Chief Student Affairs Officer or designee shall consult with the university's Office of the General Counsel prior to making any such direction.

2. The fact that a student has threatened to commit suicide or attempted suicide, by itself, does not allow the Chief Student Affairs Officer or designee to direct an emergency interim removal. In all cases involving such students, the Chief Student Affairs Officer or designee must attempt to have the student individually assessed by a mental health professional as outlined below in A.3 before deciding whether to direct an emergency interim removal.

3. Except as permitted in III A. 1. above, before determining whether to require an emergency interim removal, the Chief Student Affairs Officer or designee shall take the following steps:

a. exercise all reasonable efforts to meet with the student; and

b. in that meeting, offer the student the opportunity to be evaluated at the college's expense by a qualified, licensed mental health professional, who may be an employee of a college of the university (CUNY) or of the university or on retainer to a college of the university (CUNY). Whenever possible, that professional shall have had no prior contact with the student. The professional shall assess whether the student's behavior presents an immediate, severe and direct threat to him or herself or others or presents a significant risk to repeat behavior that substantially disrupts the learning or working environment of others, and, if so, whether the student's behavior may be the result of a medical issue. That professional shall present his or her findings to the Chief Student Affairs Officer or designee, who shall determine based on those findings and other evidence available whether emergency interim removal under these procedures is appropriate.

c. If the student refuses to meet, and/or refuses to undergo such assessment or to keep a scheduled appointment, the Chief Student Affairs Officer or designee may require emergency interim removal without a meeting and/or mental health assessment if he or she reasonably concludes on the basis of the available evidence that the student's behavior evidences an immediate, severe and direct threat of harm to the student or others or is substantially disrupting the working or learning environment of others and presents a significant risk to continue that substantial disruption. The Chief Student Affairs Officer or designee shall consult with the University's Office of the General Counsel before making such a determination.

4. The emergency interim removal from the college and/or residence hall shall remain in effect until a final decision has been made pursuant to the procedures below, unless, before a final decision is
made, the Chief Student Affairs Officer or designee determines that the reasons for imposing the interim removal no longer exist.

B. Withdrawal after Emergency Interim Removal

1. If a student has been subjected to an emergency interim removal from the college and/or residence hall, the college shall request retention with conditions or voluntary withdrawal within 7 calendar days of such removal. Should the request for retention with conditions or voluntary withdrawal request be refused, the college shall determine within 7 calendar days of such refusal whether to take further action against the student, including whether to initiate involuntary withdrawal proceedings or, disciplinary proceedings under Article XV of the CUNY Bylaws, as applicable above, and shall send notice of either such proceeding in accordance with the notice requirements of the applicable procedure within that seven day period. For students who have been subjected to an emergency interim removal without having undergone the assessment procedures outlined above, the college shall follow the assessment procedures outlined below in B.2 a. prior to determining its course of action.

2. In cases where the student has been subjected to an emergency interim removal without assessment, the procedure for determining whether withdrawal is appropriate is as follows:

a. The Chief Student Affairs Officer or designee shall exercise best efforts to meet with the student to discuss the student's behavior and to hear the student's explanation of the alleged behavior. If, after hearing the explanation, the Officer or designee still wishes to consider the possibility of the student's withdrawal, he or she shall offer the student an opportunity to be evaluated, at the college's expense, by a qualified, licensed mental health professional, who may be an employee of a college of the university (CUNY) or the university, or on retainer to a college of the university or the university. Whenever possible, that professional shall have had no prior contact with the student. The professional shall make findings concerning whether the student's behavior presents a direct threat of harm to him or herself or others or presents a significant risk to repeat behavior that substantially disrupts the learning or working environment of others and if so, whether the student's behavior may be the result of a medical issue. The professional shall report such findings to the Chief Student Affairs Officer, who shall, based on those findings, and after consultation with the University's Office of the General Counsel, determine the appropriate action, including whether to request that the student withdraw from the university, the college and/or the college residence hall or whether to request that the student agree to specified conditions in lieu of withdrawal.

b. If the student refuses to undergo the requested assessment, or fails to keep the scheduled appointment, and the Chief Student Affairs Officer reasonably concludes on the basis of the available evidence that the student's behavior presents a direct threat of harm to him or
herself or others or substantially disrupts the learning or working environment of others and presents a significant risk to repeat behavior that substantially disrupts the learning or working environment of others, the Chief Student Affairs Officer may request that the student voluntarily withdraw from the university, the college and/or the college residence hall. The Chief Student Affairs Officer shall consult with the University's Office of the General Counsel before making any such request.

c. If the student agrees to the request for voluntary withdrawal or to the specified conditions, the Chief Student Affairs officer or designee shall

(i) discuss with the student the procedures for and consequences of voluntary withdrawal or the specified conditions, as applicable

(ii) discuss the circumstances with the student's parents or legal guardians as permissible by law and as appropriate

(iii) consult with the student's academic adviser or department, as appropriate

(iv) consult with the residence hall director, as appropriate

(v) refer the student to appropriate resources for treatment; and

(vi) advise the student concerning the process for applying for re-entry, as well as on conditions for re-entry, if applicable and appropriate.

d. If the student does not agree to the request for voluntary withdrawal or to the specified conditions, the Chief Student Affairs Officer shall determine, in consultation with the University's Office of the General Counsel, whether to take further action against the student, including whether to initiate involuntary withdrawal proceedings, or, in the case of students referenced in II. A. above, whether to initiate disciplinary proceedings under Article XV of the CUNY Bylaws.

C. Withdrawal of Students without Emergency Interim Removal

1. Students who Present a Direct Threat of Harm to Others or Substantially Disrupt the Learning or Working Environment of Others

a. Voluntary Withdrawal or Retention with Conditions

(1) In situations where a student's behavior evidences a direct threat of harm to himself or others or substantially disrupts the learning or working environment of others and presents a significant risk to repeat behavior that substantially disrupts the learning or working environment of others and the Chief Student Affairs Officer reasonably believes that the student's behavior may be connected to a medical issue, the Chief Student Affairs Officer or designee may request that the student voluntarily withdraw or agree to retention
(2) If the student agrees to the request for voluntary withdrawal or to the specified conditions, the Chief Student Affairs officer or designee shall:

(i) discuss with the student the procedures for and consequences of voluntary withdrawal or the specified conditions, as applicable

(ii) discuss the circumstances with the student's parents or legal guardians as permissible by law and as appropriate

(iii) consult with the student's academic adviser or department, as appropriate

(iv) consult with the residence hall director, as appropriate

(v) refer the student to appropriate resources for treatment; and

(vi) advise the student concerning the process for applying for re-entry, as well as on conditions for re-entry, if applicable and appropriate.

b. Involuntary withdrawal

(1) If the student does not agree to the request for voluntary withdrawal or to the specified conditions, the Chief Student Affairs Officer shall determine, in consultation with the University's Office of the General Counsel, whether to take further action against the student, including whether to initiate involuntary withdrawal proceedings or disciplinary proceedings under Article XV of the CUNY Bylaws.

(2) Before initiating involuntary withdrawal proceedings under this procedure, the Chief Student Affairs Officer shall follow the assessment procedures outlined above in B.2.

2. Students who Present a Direct Threat of Harm Solely to Themselves

a. The college shall follow the assessment and other procedures outlined above in B.2 a.-d. in order to determine the appropriate course of action.

D. Involuntary Withdrawal Procedures

1. The following shall be the procedures for involuntary withdrawal:

a. Notice of the involuntary withdrawal hearing and the time and place of the hearing shall be personally delivered or sent by the Chief Student Affairs Officer or designee of the student's home college to the student at the address appearing on the records of the college, by overnight or certified mail, by regular mail, and, for students who have a college e-mail address, to that e-mail address. Notice of at least five business days shall be given to the student in advance of the hearing unless the student consents to an earlier hearing.
b. The notice shall contain: (1) a statement of the reasons involuntary withdrawal is sought (ii) the type of withdrawal sought (from the University, the college and/or from the college residence hall); and (iii) a statement that the student has a right to present his or her side of the story, to present witnesses and evidence on his or her behalf, to cross-examine witnesses presenting evidence against the student, to remain silent without assumption of guilt, and to be represented by legal counsel or an advisor at the student's expense.

c. CUNY shall constitute a Health Review Panel, comprised of qualified, licensed mental health professionals employed by a college of CUNY or by CUNY, or on retainer to a college of CUNY or CUNY. CUNY's Vice Chancellor for Student Development shall appoint the members of the Health Review Panel. Members of the Health Review Panel, in committees constituted separately for each hearing ("Health Review Committee"), shall be responsible for adjudicating all involuntary withdrawal hearings held according to these procedures. For each involuntary withdrawal hearing, the Vice Chancellor for Student Development or his designee shall constitute a three-person Health Review Committee from the Health Review Panel to adjudicate at that hearing. No member of the Health Review Committee shall have had prior contact with the student. All decisions of the Health Review Committee shall be made by majority vote.

d. The hearing shall be closed, unless the student requests an open hearing. However, the Health Review Committee may overrule a request for an open hearing if it determines that an open hearing would be inappropriate or disruptive in light of the nature of the evidence to be presented.

e. After the evidence is presented at the hearing, the Health Review Committee shall determine whether the college has proved, by a preponderance of the evidence, that the student's behavior presents a direct threat of harm to him or herself or others, or has substantially disrupted the learning or working environment of others and presents a significant risk of threatening further substantial disruption of the learning or working environment of others, and if so, what the appropriate remedy should be. The Health Review Committee may also set reasonable and appropriate conditions on re-entry. The decision of the Health Review Committee shall be made within five business days from the close of the hearing.

E. Appeals

An appeal from the decision of the Health Review Committee may be made to the President of the student's home college or the President's designee within thirty calendar days after the delivery of the decision appealed from. The President or designee shall make his or her determination on the appeal within fifteen business days from receipt of the appeal. The President's decision may be appealed to the Chancellor of the University or his or her designee within thirty calendar days after the delivery of the President's decision on appeal.
The Chancellor or designee's decision shall be made within fifteen business days from receipt of the appeal. The Chancellor (or designee's) decision shall be final. The bases overturning a decision of the Health Review Committee at both levels of review are limited to the following:

(i) clearly erroneous factual findings;
(ii) procedural irregularities;
(iii) newly available evidence that would have affected the outcome;
(d) the remedy and/or conditions on re-entry were unreasonable or inappropriate.

F. Re-entry

1. A student who is withdrawn from the university, a student's home college and/or a college residence hall under this policy may be considered for re-entry.

2. A student wishing to be considered for re-entry should contact his or her home college's Chief Student Affairs Officer and provide appropriate documentation of behavioral change and resolution of the initial behavioral problem, including compliance with any conditions that may have been set for re-entry.

3. A student may apply for re-entry to the university, a college and/or a college residence hall no more than one time per term.

4. In assessing an application for re-entry, the Chief Student Affairs Officer or designee shall
(i) in cases in which he or she determines that an additional mental health assessment is necessary, refer the student for assessment to a qualified, licensed mental health professional, at the college's expense;
(ii) receive, investigate, and examine appropriate relevant documentation, including assessments made by college-referred mental health professionals, and, if applicable, licensed treating mental health professionals;
(iii) consult with the Health Review Committee, in cases in which the student's withdrawal was adjudicated by such a Committee;
(iv) contact the student's parents or legal guardians as permissible by law, if appropriate
(v) provide an opportunity for the student to meet with the Chief Student Affairs Officer or designee to discuss re-entry.

5. If the Chief Student Affairs Officer or designee determines, based on the evidence presented, that there is not a significant risk that the behavior that required withdrawal will be repeated, he or she shall approve the student's application for re-entry. In such cases, the Chief Student Affairs Officer or designee shall initiate the re-entry process, provide the student with written conditions for continued attendance, and inform any relevant administrators of the student's re-entry.
6. If the Chief Student Affairs Officer or designee determines that the application for re-entry should be denied, he or she shall provide the student with a written explanation of the reasons for the denial and specify when the next request for re-entry may be considered.

7. A student may appeal the Chief Student Affairs Officer or designee's denial of re-entry to the college President or designee within thirty calendar days after the delivery of the decision denying re-entry. The President or designee shall make his or her determination on the appeal within thirty calendar days from receipt of the appeal. The President's decision may be appealed to the Chancellor of the University or his or her designee within thirty calendar days after the delivery of the President's decision on appeal. The Chancellor or designee's decision shall be made within thirty calendar days from receipt of the appeal. The Chancellor (or designee's) decision shall be final. The basis for overturning a decision on appeal at either level shall be limited to a determination that the decision on re-entry was clearly erroneous.

G. Effect on Academic Status

In the event of a withdrawal pursuant to this policy, a notation of withdrawal shall appear on the student's transcript for all classes taken during that semester. The Chief Student Affairs Officer at a student's home college may grant a student request that, in lieu of withdrawal, a notation of incomplete shall appear on his or her transcript for classes taken during that semester if and only if there is a reasonable prospect that the student will eventually complete such classes, subject to faculty approval for each such class. Regardless of the notation that appears on a student's transcript, the Chief Student Affairs Officer of the student's home college shall inform the Vice Chancellor for Student Development of the student's withdrawal in order to effectuate a hold by the University Application Processing Center on the student's ability to transfer or otherwise seek admission to another college of CUNY.

H. Effect on Housing Status

If the student has been living in a college residence hall and will not be permitted to continue to do so, the student's contract will be canceled and fees refunded on a prorated basis.

I. Confidentiality

The results of examinations by mental health professionals to whom students are referred for assessment at any stage in the withdrawal or readmission process shall be confidential student records, except that if the results indicate that the student presents an imminent, severe, and direct threat of harm to him or herself or others, those results may be shared with the appropriate individuals in order to attempt to prevent the occurrence of such harm. The results of these examinations shall be admissible in involuntary withdrawal hearings but shall not be admissible in disciplinary hearings, unless the student
places his or her health, including mental health, at issue in a disciplinary hearing.  (BTM,2007,06-25,007_C)

CUNY Policy on Sexual Misconduct

I. Policy Statement

Every member of The City University of New York (“CUNY”) community, including students, employees and visitors, deserves the opportunity to live, learn and work free from Sexual Misconduct (sexual harassment, gender-based harassment and sexual violence). Accordingly, CUNY is committed to:

1) Defining conduct that constitutes prohibited Sexual Misconduct;

2) Providing clear guidelines for students, employees and visitors on how to report incidents of Sexual Misconduct and a commitment that any complaints will be handled respectfully;
3) Promptly responding to and investigating allegations of Sexual Misconduct, pursuing disciplinary action when appropriate, referring the incident to local law enforcement when appropriate, and taking action to investigate and address any allegations of retaliation;

4) Providing ongoing assistance and support to students and employees who make allegations of Sexual Misconduct;

5) Providing awareness and prevention information on Sexual Misconduct, including widely disseminating this policy, as well as a “students' bill of rights” and implementing training and educational programs on Sexual Misconduct to college constituencies; and

6) Gathering and analyzing information and data that will be reviewed in order to improve safety, reporting, responsiveness and the resolution of incidents.

This is the sole policy at CUNY addressing Sexual Misconduct and is applicable at all college and units at the University. It will be interpreted in accordance with the principles of academic freedom adopted by CUNY's Board of Trustees.

The CUNY community should also be aware of the following CUNY policies:

• The CUNY Policy on Equal Opportunity and Nondiscrimination prohibits discrimination on the basis of numerous protected characteristics in accordance with federal, state and local law. That policy addresses sex discrimination other than Sexual Misconduct covered by this policy.

• The CUNY Campus and Workplace Violence Prevention Policy addresses workplace violence.

• The CUNY Domestic Violence and the Workplace Policy addresses domestic violence in or affecting employees in the workplace.

• The CUNY Procedures for Implementing Reasonable Accommodations and Academic Adjustments addresses the procedures CUNY will follow when there is a request for a reasonable accommodation and or academic adjustment.

In addition, campus crime statistics, including statistics relating to sexual violence, which CUNY is required to report under the Jeanne Clery Act, are available from the Office of Public Safety at each college and/or on its Public Safety website.

II. Scope of this Policy

This policy governs the conduct of (i) all the members of CUNY's community, including employees and students, and (ii) non-members of CUNY's community who interact with members of the CUNY community (hereinafter "visitors"). Visitors are both protected by and subject to this policy. A non-member may make a complaint of or report a violation of this policy committed by a member of CUNY's
community. A non-member may also be subject to restrictions for failing to comply with this policy. This policy applies to conduct that occurs on and off CUNY property.

III. Definitions

- **Affirmative Consent** is a knowing, voluntary and mutual decision among all participants to engage in sexual activity. Consent can be given by words or actions, as long as those words or actions create clear permission regarding willingness to engage in the sexual activity. Silence or lack of resistance, in and of itself, does not demonstrate consent. The definition of consent does not vary based upon a participant's sex, sexual orientation, gender identity or gender expression.

  Consent to any sexual act or prior consensual sexual activity between or with any party does not necessarily constitute consent to any other sexual act.

  In order to give consent, one must be of legal age (17 years or older).

  Consent is required regardless of whether the person initiating the act is under the influence of drugs and/or alcohol.

  Consent cannot be given when a person is incapacitated, which occurs when an individual lacks the ability to knowingly choose to participate in sexual activity. Incapacitation may be caused by lack of consciousness or being asleep, being involuntarily restrained, or if the individual otherwise cannot consent. Depending on the degree of intoxication, someone who is under the influence of alcohol, drugs, or other intoxicants may be incapacitated and therefore unable to consent.

  Consent cannot be given when it is the result of any coercion, intimidation, force, or threat of harm.

  Consent may be initially given but withdrawn at any time. When consent is withdrawn or can no longer be given, sexual activity must stop.

- **Complainant** refers to the individual who alleges that she/he has been the subject of Sexual Misconduct, and can be a CUNY student, employee (including all full-time and part-time faculty and staff), or visitor. Under this policy, the alleged incident(s) may have been brought to the college's attention by someone other than the complainant.
• **Complaint** is an allegation of Sexual Misconduct made under this policy.

• **Confidentiality** is the commitment not to share any identifying information with others, except as required by law in emergency circumstances (such as risk of death or serious bodily harm). Confidentiality may only be offered by individuals who are not legally required to report known incidents of Sexual Misconduct to college officials. Licensed mental health counselors, medical providers & pastoral counselors may offer confidentiality.

• **Dating Violence** is violence or sexual assault committed by a person who is or has been in a social relationship of a romantic or intimate nature with the victim. The existence of such a relationship is determined based on the reporting party's statement and with consideration of the length of the relationship and the frequency of the interaction between the persons involved in the relationship. Dating violence can be a single act or a pattern of behavior, based on the frequency, nature, and severity of the conduct. A relationship may be romantic or intimate regardless of whether the relationship was sexual in nature. Dating violence includes the threat of sexual or physical abuse.

• **Domestic Violence** is any violence or sexual assault committed by (i) a current or former spouse or intimate partner of the victim; (ii) a person with whom the victim shares a child; (iii) a person who cohabits or cohabited with the victim as a spouse or intimate partner; or (iv) anyone else covered by applicable domestic violence laws. Domestic violence can be a single act or a pattern of behavior, based on the frequency, nature, and severity of the conduct.

• **Forcible Touching/Fondling** is intentionally touching the sexual or other intimate parts of another person without the latter's consent for the purpose of degrading or abusing such person, or for the purpose of gratifying the actor's sexual desire.

• **Gender-Based Harassment** is unwelcome conduct of a nonsexual nature based on an individual's actual or perceived sex, including conduct based on gender identity, gender expression, and nonconformity with gender stereotypes that is sufficiently serious to adversely affect an individual's participation in employment, education or other CUNY activities. The effect will be evaluated based on the perspective of a reasonable person in the position of the complainant. An example of gender-based harassment would be persistent mocking or disparagement of a person based on a perceived lack of stereotypical masculinity or femininity.
• **Intimate Partner Violence** ("IPV") includes both Domestic Violence and Dating Violence.

• **Managers** are employees who have authority to make tangible employment decisions with regard to other employees, including the authority to hire, fire, promote, compensate or assign significantly different responsibilities.

• **Pastoral counselor.** A person who is associated with a religious order or denomination, recognized by that order or denomination as someone who provides confidential counseling, and functioning within the scope of that recognition.

• **Privacy** is the assurance that the college will only reveal information about a report of Sexual Misconduct to those who need to know the information in order to carry out their duties or responsibilities or as otherwise required by law. Individuals who are unable to offer the higher standard of confidentiality under law, but who are still committed to not disclose information more than necessary, may offer privacy.

• **Rape and Attempted Rape** is the penetration or attempted penetration, no matter how slight, of any body part by a sex organ of another person, without the consent of that person.

• **Respondent** refers to the individual who is alleged to have committed Sexual Misconduct against a CUNY student, employee, or visitor.

• **Retaliation** is adverse treatment of an individual as a result of that individual's reporting Sexual Misconduct, assisting someone with a report of Sexual Misconduct, opposing in a reasonable manner an act or policy believed to constitute Sexual Misconduct, or participating in any manner in an investigation or resolution of a Sexual Misconduct report. Adverse treatment includes threats, intimidation and reprisals by either a complainant or respondent or by others such as friends or relatives of either a complainant or respondent.

• **Sexual Activity** is
  
  • contact between the penis and the vulva or the penis and the anus;
  • contact between the mouth and the penis, the mouth and the vulva, or the mouth and the anus;
  • penetration, however slight, of the of the anal or genital opening of another by a hand or finger or by any object, with an intent to abuse, humiliate, harass, degrade, or
arouse or gratify the sexual desire of any person; or intentional touching, either directly or through the clothing, of the genitalia, anus, groin, breast, inner thigh, or buttocks of any person with an intent to abuse, humiliate, harass, degrade, or arouse or gratify the sexual desire of any person.

- **Sexual Assault** is any form of sexual activity that occurs without consent.

- **Sex Discrimination** is treating an individual differently or less favorably because of sex, including sexual orientation, gender or gender identity (including transgender status), as well as pregnancy, childbirth and related medical conditions. Examples of sex discrimination include giving a student a lower grade, or failing to hire or promote an employee, based on their sex.

- **Sexual Harassment** is unwelcome conduct of a sexual nature, including but not limited to unwelcome sexual advances, requests for sexual favors, and other verbal, nonverbal, graphic and electronic communications or physical conduct of a sexual nature when:

  i. submission to or rejection of such conduct is made either explicitly or implicitly a condition of an individual's employment or academic standing or is used as the basis for employment decisions or for academic evaluation, grades, or advancement (quid pro quo); or

  ii. such conduct is sufficiently serious that it alters the conditions of, or has the effect of substantially interfering with, an individual's educational or work experience by creating an intimidating, hostile, or offensive environment (hostile environment). The effect will be evaluated based on the perspective of a reasonable person in the position of a complainant.

Conduct is considered "unwelcome" if the individual did not request or invite it and considered the conduct to be undesirable or offensive. While it is not possible to list all circumstances that might constitute sexual harassment, the following are some examples of conduct that might constitute sexual harassment depending on the totality of the circumstances:

i. Inappropriate or unwelcome physical contact or
suggestive body language, such as touching, groping, patting, pinching, hugging, kissing, or brushing against an individual's body;

ii. Verbal abuse or offensive comments of a sexual nature, including sexual slurs, persistent or pervasive sexually explicit statements, questions, jokes or anecdotes, degrading words regarding sexuality or gender, suggestive or obscene letters, notes, or invitations;

iii. Visual displays or distribution of sexually explicit drawings, pictures, or written materials; or

iv. Undue and unwanted attention, such as repeated inappropriate flirting, staring, or making sexually suggestive gestures.

• **Sexual Misconduct** is sexual harassment, gender-based harassment or sexual violence, as defined in this policy.

• **Sexual Violence** includes: (1) sexual activity without affirmative consent, such as sexual assault rape/atempted rape, and forcible touching/fondling; (2) dating, domestic and intimate partner violence; (3) stalking as defined below; and (4) voyeurism, as defined below.

• **Stalking** is intentionally engaging in a course of conduct directed at a specific person that:

1. is likely to cause reasonable fear of material harm to the physical health, safety or property of such person, a member of such person's immediate family or a third party with whom such person is acquainted; or causes material harm to the mental or emotional health of such person, where such conduct consists of following, telephoning or initiating communication or contact with such person, a member of such person's immediate family or a third party with whom such person is acquainted; or

2. is likely to cause such person to reasonably fear that her/his employment, business or career is threatened, where such conduct consists of appearing, telephoning or initiating communication or contact at such person's place of employment or business, and the actor was previously clearly informed to cease that conduct.

Where stalking is directed at an individual with
whom the perpetrator has, had, or sought some form of sexual or romantic relationship, it will be addressed under this Policy. Stalking that lacks a sexual or gender-based nexus may be addressed under the Code of Conduct.

- **Supervisors** are employees who are not managers, but have a sufficient degree of control over the working conditions of one or more employees, which might include evaluating their performance and making recommendations for changes in employment status that are given particular weight.

- **Visitor** is an individual who is present at a CUNY campus or unit but is not a student or an employee.

- **Voyeurism** is unlawful surveillance and includes acts that violate an individual’s right to privacy in connection with her/his body and/or sexual activity such as:

  i. Viewing another person's sexual activity, intimate body parts, or nakedness in a place where that person would have a reasonable expectation of privacy, without that person's consent.

  ii. Recording images (e.g. video, photograph) or audio of another person's sexual activity, intimate body parts, or nakedness without that person's consent;

  iii. Disseminating images (e.g. video, photograph) or audio of another person's sexual activity, intimate body parts, or nakedness, if the individual distributing the images or audio knows or should have known that the person depicted in the images or audio did not consent to such disclosure;

  iv. Using or installing, or permitting the use or installation of a device for the purpose of recording another person's sexual activity, intimate body parts or nakedness in a place where the person would have a reasonable expectation of privacy without that person's consent.

- **Writing.** Whenever this policy requires in "writing," electronic mail satisfies the writing requirement.
IV. Prohibited Conduct

- Sexual Harassment, Gender-Based Harassment and Sexual Violence

This policy prohibits sexual harassment, gender-based harassment and sexual violence (together "Sexual Misconduct") against any CUNY student, employee or visitor.

Sexual harassment includes unwelcome conduct of a sexual nature, such as unwelcome sexual advances, requests for sexual favors, and other verbal, nonverbal, graphic and electronic communications or physical conduct that is sufficiently serious to adversely affect an individual's participation in employment, education or other CUNY activities.

Sexual harassment is considered a form of employee misconduct and an employee who engages in such conduct, or, managerial and supervisory personnel who knowingly allow such behavior to continue, shall be subject to discipline in accordance with applicable rules, policies and collective bargaining agreements.

Gender-based harassment is unwelcome conduct of a nonsexual nature based on an individual's actual or perceived sex, including conduct based on gender identity, gender expression, and nonconformity with gender stereotypes that is sufficiently serious to adversely affect an individual's participation in employment, education or other CUNY activities.

Sexual violence is an umbrella term that includes: (1) sexual activity without affirmative consent, sexual assault, rape/attempts at rape, and forcible touching/fondling; (2) dating, domestic and intimate partner violence; (3) stalking/cyberstalking ("stalking"), and (4) voyeurism.
The complete definitions of these terms, as well as other key terms used in this policy, are in Section III above.

- **Retaliation**

This policy prohibits retaliation against any person who reports Sexual Misconduct, assists someone making such a report, participates in any manner in an investigation or resolution of a Sexual Misconduct complaint, including testifying or assisting in a legal proceeding, or opposes in a reasonable manner an act or policy believed to constitute Sexual Misconduct. Federal, state, and local laws also prohibit retaliation.

- **Certain Intimate Relationships**

This policy also prohibits certain intimate relationships when they occur between a facultymember or employee and any student for whom he or she has a professional responsibility as set forth in Section XII below.

V. Title IX Coordinator

Each college or unit of CUNY has an employee who has been designated as the Title IX Coordinator. This employee is responsible for compliance with Title IX of the Education Amendments of 1972, which prohibits sex discrimination, including Sexual Misconduct, in education programs, and with New York State Law Article 129B, commonly referred to as the Enough is Enough, Combating Sexual Assault and Domestic Violence on College Campuses (hereafter "Enough is Enough"). The Title IX Coordinator has overall responsibility for implementing this policy, including overseeing the investigation of complaints at her/his college or unit and carrying out the other functions of that position set forth in this policy. All Title IX Coordinators shall receive annual training on Sexual Misconduct
as required by Title IX, the Clery 10 Act, Enough is Enough, and other civil rights law. The name and contact information for all Title IX Coordinators at CUNY can be found on the university's dedicated Title IX website.

VI. Assistance in Cases of Sexual Violence

- **Reporting to Law Enforcement**

  Students, employees and other community members who experience any form of sexual violence on or off-campus (including CUNY-sponsored trips and events) and visitors who experience sexual violence on a CUNY campus may, but are not required to, report to local law enforcement, and/or state police. CUNY does not require a complainant to report sexual misconduct to law enforcement; however, if a student, employee, or other community member does wish to report to law enforcement, CUNY will provide assistance. Each college public safety office shall have an appropriately trained employee available at all times to provide the complainant with information regarding options to proceed, including information regarding the criminal justice process and the preservation of evidence. Campus public safety officers can also assist the complainant with filing a complaint both on and off-campus, and in obtaining immediate medical attention and other services.

  Additional information is available on the university's
Title IX website.

- **Relationship of CUNY’s Investigation to the Action of Outside Law Enforcement**

In cases where the complainant files a complaint with outside law enforcement authorities as well as with the college, the college shall determine what actions to take based on its own investigation. The college may coordinate with outside law enforcement authorities in order to avoid interfering with their activities and, where possible, to obtain information regarding their investigation. Neither a law enforcement determination whether to prosecute a respondent, nor the outcome of any criminal prosecution, is dispositive of whether the respondent has committed a violation of this policy.

Students, employees and other community members should be aware that CUNY procedures and standards differ from those of criminal procedures. When CUNY investigates allegations of sexual misconduct or brings disciplinary proceedings for violations of this policy, the issue is whether the respondent violated CUNY policy. The standard applied in making this determination is whether the preponderance of the evidence substantiates the complaint, or, stated another way, whether it is more likely than not that the alleged conduct occurred. An individual found to have violated this policy may be sanctioned by the college and CUNY. In the criminal justice system, on the other
hand, the issue is whether the accused violated state criminal law. The standard applied is proof beyond a reasonable doubt and an individual found guilty of a crime is subject to criminal penalties, such as incarceration, probation and fines. More information about relevant criminal laws is available at _____.

• Obtaining Immediate Medical Attention and Emotional Support

CUNY encourages anyone who has experienced sexual assault or domestic, dating or intimate partner violence to seek medical attention as soon as possible. Medical resources can provide treatment for injuries, preventative treatment for sexually transmitted diseases, emergency contraception, and other health services. They can also assist in preserving evidence or documenting any injuries. Taking these steps promptly after an incident can be very helpful if an individual later decides to seek criminal proceedings or a protective order.

Individuals who have experienced or witnessed sexual violence are also encouraged to seek emotional support, either on or off-campus.

• On-campus resources

On campus resources include nurses and/or nurse practitioners at campus health offices and counselors at campus counseling centers.
Counselors are trained to provide crisis intervention and provide referrals for longer-term care as necessary.

CUNY also maintains a list of off-campus emergency contacts and resources, including rape crisis centers, available throughout New York City on its dedicated web page. This includes a list of local hospitals designated as SAFE (Sexual Assault Forensic Examiner) hospitals, which are specially equipped to handle sexual assaults and trained to gather evidence from such assaults.

VII. Important Information about Confidentiality, Privacy and Required Referrals

CUNY values the privacy of its students, employees, and visitors. They should be able to seek the assistance they need without fear that the information they provide will be shared more broadly. Some individuals who serve as resources on campus are confidential resources and will not share any identifying information with others, except as required by law in emergency circumstances. Other individuals are not permitted to maintain confidentiality but will protect privacy to the greatest extent possible and share information with other staff only on a need-to-know basis.

Confidential resources.
Individuals considered confidential resources include counselors and health care providers at the college counseling centers and health offices, pastoral counselors, and designated staff members at women's or men's centers, if they exist on campus. Students may use these resources even if they decide not to make a report or participate in University disciplinary proceedings or the criminal justice process.

Private but non-confidential resources.
Many college employees are required by federal and state law to provide information about possible sexual misconduct to the Title IX Coordinator. Individuals designated as non-confidential but private resources will protect privacy to the greatest extent possible, but must share relevant information about sexual misconduct with the Title IX Coordinator.

More information about confidential and private but non-confidential resources is provided in Section IX, below.

Under the Clery Act, the College is required to maintain records, advise the government about reports of certain crimes, and issue timely warnings when there is a serious, continuing threat to the community. Such reports and warnings do not disclose the names of reporting individuals.
VIII. Reporting Sexual Misconduct to the College

In order for the University to address allegations of sexual misconduct, it has to learn about them. Accordingly, CUNY strongly encourages individuals who have experienced sexual misconduct to file a complaint with a designated campus official, as outlined below. The designated officials are trained to accept complaints, to ensure they are investigated in accordance with this policy, and to help complainants get necessary assistance.

Students, faculty, staff and visitors are encouraged to report incidents of sexual misconduct to campus officials, even if they have reported the incident to outside law enforcement authorities, and regardless of whether the incident took place on or off-campus (including "study abroad" programs.) Such reporting will enable complainants to get the support they need and provide the college with the information it needs to take appropriate action.

- Complainant's Rights

Individuals who have experienced sexual misconduct have the right to file a complaint with the college or to decide not to do so. (The decision on whether to bring
disciplinary charges, however, rests with the campus.) Students who report sexual misconduct have all of the rights contained in the Students Bill of Rights (copy attached).

Complainants also have these rights:

• To notify campus public safety, local law enforcement, and/or the state police; or to choose not to report.
• To have emergency access to a college official trained to interview victims of sexual assault and able to provide certain information, including reporting options and information about confidentiality and privacy. The official will, where appropriate, advise the reporting individual about the importance of preserving evidence and obtaining a sexual assault forensic examination ("SAFE") as soon as possible. The official will also explain that the criminal process uses different standards of proof, evidence, and that any questions about whether an incident
violated criminal law should be addressed to a law enforcement official or a district attorney's office.

• To disclose the incident to a college representative who can offer confidentiality or privacy and assist in obtaining services for reporting individuals. See Section IX, below.

• To describe the incident only to those campus officials who need the information in order to properly respond and to repeat the description as few times as practicable.

• To have complaints investigated in accordance with CUNY policy.

• To have privacy preserved to the extent possible.

• To receive assistance and resources on campus, including confidential and free on-campus counseling, and to be notified of other services available on- and off-campus, including the New York State Office of Victim Services.

• To disclose the incident to the college's Human
Resources Director or designee (if the accused is a college employee) or request that a confidential or private resource assist in doing so.

- To disclose the incident confidentially and obtain services from state and local governments.
- To receive assistance from the campus or others in filing a criminal complaint, initiating legal proceedings in family court or civil court, and/or seeking an Order of Protection or the equivalent. In New York City, this assistance is provided by Family Justice Centers located in each borough, www1.nyc.gov/site/ocdv/programs/family-justice-centers.page.
- To receive assistance with effecting an arrest when an individual violates an Order of Protection, which may be provided by assisting local law enforcement in effecting such an arrest.
- To withdraw a complaint or involvement from the process at any time.

Students can speak
with confidential resources on a strictly confidential basis before determining whether to make a report to college authorities. See Section IX, below. Students also have the right to consult confidentially with state, local and private resources who can provide other assistance.

• Where to File a Complaint on Campus

Students, employees and visitors who experience sexual misconduct should bring their complaints to one of these campus officials/offices:

• Title IX Coordinator; • Office of Public Safety; • Office of Vice President for Student Affairs or Dean of Students (students only) • Residence Life staff in CUNY owned or operated housing (students and residence visitors only) • Human Resources Director (employees only)

Contact information for these officials can be found at
There is no prescribed method for filing a complaint of sexual misconduct and the college will respond to complaints whether they are oral or written. Complainants may, but are not required to, fill out the CUNY Sexual Misconduct Complaint form (see page 38). After the form is filled out, it should be brought to one of the offices listed above.

Once any of the officials or offices above is notified of an incident of sexual misconduct, she/he will provide a copy of this Policy to the Complainant and coordinate with appropriate college offices to address the matter in accordance with this policy, including taking appropriate interim and supportive measures. These officials and offices will maintain a complainant's privacy to the greatest extent possible, and all information in connection with the
complaint, including the identities of the complainant and the respondent, will be shared only with those who have a legitimate need for the information.

Visitors: CUNY strongly encourages visitors to report all incidents of sexual misconduct that they observe or experience while on a CUNY campus or at a CUNY sponsored event to the Office of Public Safety, Residence Life staff, or other appropriate college officials listed above. In certain instances, CUNY may be able to offer those visitors who have experienced sexual misconduct with resources and assistance. For more information on such assistance, please visit INSERT LINK

- Request that the College Maintain a Complainant’s Confidentiality or Not Conduct an Investigation

After a report of an alleged incident of sexual misconduct is made to the Title IX Coordinator, a complainant may
request (a) that the matter be investigated only to the extent possible without further revealing her/his identity or any details regarding the incident being divulged further (b) that no investigation into a particular incident be conducted, or (c) that an incident not be reported to outside law enforcement.

In all such cases, the Title IX Coordinator will weigh the complainant's request against the college's obligation to provide a safe, non-discriminatory environment for all students, employees and visitors, including the complainant. Factors used to determine whether to honor such a request include, but are not limited to: (a) whether the respondent has a history of violent behavior or is a repeat offender; (b) whether the incident represents escalation of unlawful conduct by the accused from previously noted behavior; (c) any increased risk that the accused will commit additional acts of
violence, (d) whether the accused used a weapon or force; (e) whether the complainant is a minor; (f) whether the college possesses other means to obtain evidence such as security footage; and (g) whether available information reveals pattern of misconduct at a given location or by particular group.

A decision to maintain confidentiality does not mean that confidentiality can be absolutely guaranteed in all circumstances, but that reasonable efforts will be made to keep information confidential consistent with law. Notwithstanding the decision of the Title IX Coordinator regarding the scope of any investigation, the college will provide the complainant with ongoing assistance and support, including, where appropriate, the interim and supportive measures set forth in Section VII of this policy.

If the Title IX
Coordinator determines that the college may maintain confidentiality as requested by the complainant, the college will, if possible, take reasonable steps to investigate the incident consistent with the request for confidentiality. However, a college’s ability to meaningfully investigate the incident and pursue disciplinary action may be limited by such a request for confidentiality.

- **Filing External Complaints**

Complainants who feel that they have been subjected to unlawful sexual harassment and/or violence have the right to avail themselves of any and all of their rights under law, including but not limited to filing complaints with one or more of the outside agencies listed below.

- U.S. Department of Education, Office for Civil Rights
  [http://www2.ed.gov/about/offices/list/ocr/complaintprocess.html](http://www2.ed.gov/about/offices/list/ocr/complaintprocess.html)

- U.S. Equal
Employment Opportunity Commission
https://www.eeoc.gov/federal/fed_employees/filing_complaint.cfm

- New York State Division of Human Rights 15
http://www.dhr.ny.gov/how-file-complaint

- New York City Commission on Human Rights
http://www1.nyc.gov/site/cchr/about/resources.page

- Action by Bystanders and Other Community Members

While only employees designated as "responsible" employees are required reporters as set forth in Section IX below, CUNY encourages all other community members, including faculty, students and visitors, to take reasonable and prudent actions to prevent or stop an act of sexual misconduct that they may witness. Although these actions will depend on the circumstances, they may include direct intervention, calling law
enforcement, or seeking assistance from a person in authority.

In addition, CUNY encourages all community members to report any incident of sexual misconduct that they observe or become aware of to the Title IX Coordinator, or the offices of Public Safety, Vice President of Students Affairs (students), Dean of Students (students) or Human Resources (employees) at their college. Community members who take action in accordance with this paragraph will be supported by the college, and anyone who retaliates against them will be subject to disciplinary charges.

- Amnesty for Drug and Alcohol Use

The health and safety of every student at CUNY is of the utmost importance. CUNY recognizes that students who have been drinking and/or using drugs (whether such use is voluntary or involuntary) at a
time that violence (including but not limited to sexual violence) occurs may be hesitant to report such incidents due to fear of potential consequences for their own conduct. CUNY strongly encourages students to report sexual violence to college officials. A bystander or complainant acting in good faith who discloses any incident of sexual violence to college officials or law enforcement will not be subject to discipline under CUNY’s Policy Against Drugs and Alcohol for violations of alcohol and/or drug use policies occurring at or near the time of the commission of the sexual violence.

This policy does not provide amnesty for drug dealers or those who use drugs or alcohol as a weapon or to facilitate assault. Under CUNY’s Amnesty for Drug and Alcohol Policy, personal drug use and possession, whether it is intentional or accidental, will not form the basis of faculty student
disciplinary charges.

- **Reporting Suspected Child Abuse**

Certain members of the CUNY community who interact with, supervise, chaperone, or otherwise oversee minors in programs or activities at CUNY or sponsored by CUNY are required to report immediately to the New York State Maltreatment Hotline if they have reasonable cause to suspect abuse or maltreatment of individuals under the age of 18. Information regarding mandated child abuse reporting is available on the Office of the General Counsel web page. If anyone other than New York State mandated reporters has reasonable cause to believe that a minor is being or has been abused or maltreated on campus, she/he should notify either the Title IX Coordinator or the Director of Public Safety. If any CUNY community member witnesses...
child abuse while it is happening, she/he should immediately call 911.

- Reporting Retaliation An individual may file a complaint with the Title IX Coordinator if the individual has been retaliated against for reporting sexual misconduct, opposing in a reasonable manner an act or policy believed to constitute sexual misconduct, assisting someone making such a report, or participating in any manner in an investigation or resolution of a sexual misconduct complaint. All retaliation complaints will be investigated in accordance with the investigation procedures set forth in Section XI of this policy, and individuals who are found to have engaged in retaliation will be subject to disciplinary action.

IX. Reporting/Confidentiality Obligations of College and University Employees
An individual who speaks to a college or CUNY employee about sexual misconduct should be aware that employees fall into three categories:

• "confidential" employees, who have an obligation to maintain a complainant's confidentiality regarding the incident(s);

• "responsible" employees, who are required to report the incident(s) to the Title IX Coordinator

• all other employees, who are strongly encouraged but not required to report the incident(s).

A. Confidential Employees

• For Students. Students at CUNY who wish to speak to someone who will keep all of the communications confidential should speak to one of the following:
• Counselor or other staff member at their college counseling center;
• Nurse, nurse practitioner or other college health office staff member;
• Pastoral counselor, if available at the college; or
• Designated staff member in a women’s or men’s center, if one exists at their college.

These individuals will not report information about an incident to the college’s Title IX Coordinator or other college
employees without the student's permission. The only exception is in the case where there is an imminent threat of serious harm to the complainant or any other person. If a student speaks solely to a "confidential" employee, the college will rarely be able to conduct an investigation into the particular incident or pursue disciplinary action against the alleged perpetrator. Confidential employee...
s will assist students in obtaining other necessary support. A student who first requests confidentiality may later decide to file a complaint with the college or with local law enforcement.

- **For Employees.**
  Although CUNY does not directly employ individuals to whom CUNY employees can speak on a confidential basis regarding sexual misconduct, free confidential support services are available through CUNY's
Work/Life Program, which is administered by an outside company. Confidential community counseling resources are also available throughout New York City.

B. “Responsible” Employees

“Responsible” employees have a duty to report incidents of sexual misconduct, including all relevant details, to the Title IX Coordinator. Such employees are not permitted
to maintain a complainant's confidentiality, except that the Title IX Coordinator may honor a request for confidentiality under the circumstances described in Section VII above. However, these employees will maintain a complainant's privacy to the greatest extent possible, and information reported to them will be shared only with the Title IX Coordinator and other people responsible for
handling the college's response to the report.

To the extent possible, before a complainant reveals any information to a responsible employee, the employee shall advise the complainant of the employee's reporting obligations—and if the complainant wants to maintain confidentiality, direct the complainant to confidential resources identified above.

CUNY has designated the following individuals
Complainants who wish to report sexual violence are encouraged to speak with one of the responsible employees marked *.

i. Title IX Coordinator and her/his staff

ii. * Office of Public Safety employees (all)

iii. * Vice President for Student Affairs or Dean of Students and all staff housed in those offices

iv. * Residence Life staff in CUNY owned or
operated housing, including Resident Assistants (all) (for students and housing visitors)

v. * Human Resource staff (all) (for employees)

vi. College President, Vice Presidents and Deans

vii. Athletics Staff (all)

viii. Faculty Athletics Representatives

ix. Department Chairpersons/Executive Officers

x. University Office of the General Counsel employees (all)
xi. College/unit attorney and her/his staff

xii. College/unit labor designee and her/his staff

xiii. International Education Liaisons/Study Abroad Campus Directors and Field Directors

xiv. Faculty and staff members at times when they are leading or supervising student on off-campus trips

xv. Faculty or staff advisors to student groups
xvi. Employees who are Managers or Supervisors (all)

xvii. SEEK/College Discover y staff (all)

xviii. College Childcare Center staff (all)

xix. Directors of "Educational Opportunity Centers" affiliated with CUNY colleges

xx. Faculty or staff academic advisors

C. All Other Employees

Employees other than those identified in subsections "A"
and "B" above are strongly encouraged but not required to report any possible sexual misconduct to the Title IX Coordinator. They are also strongly encouraged to maintain individual privacy to the greatest extent possible by sharing information, including the identities of the complainant and the respondent, only with the Title IX Coordinator.

It is important to emphasize that faculty members other than those
specifically identified in subSection "B" above have not been designated as "responsible" employees and do not have an obligation to report the matter to the Title IX Coordinator, although they are strongly encouraged to do so. An individual who wishes to ensure that the Title IX Coordinator is notified of an incident is strongly encouraged to speak with the Title IX Coordinator or one of the other individuals.
is identified in Section IX, above.

D. Special Rules Concerning Public Awareness and Advocacy Events

CUNY supports public awareness events that help provide its community with information about sexual misconduct and how it can be addressed and prevented. In order to preserve the ability to participate freely in public awareness and advocacy events, if an individual discloses information...
on about sexual misconduct at such event (for example, Take Back the Night gatherings, candlelight vigils, or protests) the college will not treat the disclosure as triggering an obligation to commence an investigation based on that information. Such individuals are encouraged to report sexual misconduct to college officials so that the college can provide resources and assistance.
X. No Contact Orders and Other Interim and Supportive Measures

When a college becomes aware of an allegation of sexual misconduct and the complainant or other affected parties request interim or supportive measures, the college will take appropriate interim and supportive measures to protect the complainant and other affected
parties, to assist the parties, and to protect against retaliation.
Appropriate interim and supportive measures may also be available to respondents. The college may also take interim measures to protect the college community at large.

The college's Title IX Coordinator is responsible for coordinating interim and supportive measures, which are available even if the complainant chooses
not to file or continue to pursue a complaint.

Requests for interim and supportive measures should be made to the Title IX Coordinator.

The Title IX Coordinator will work with the Chief Student Affairs Officer to identify a trained staff member to assist students to obtain interim and supporting measures. The Title IX Coordinator will work with the Human Resources Director to assist employee
complain
ants to
obtain
interim
and
supporting
measures.

* 

No

Contact

Order

When

respondent is
student, the
complainanthastherighttocollege-
iissued"nococontactorder
Possible interim measures include:

- Makiki
ce in finding alternate housing:

\[ C h a n g i n g a n e m p l o y e e, s \]
enter or other appropriate office, or refer all to an off-campus
agency.

Assisting the complainant in obtaining medical assistance;
and/or seeking an order of protection; ix. Enforcing an order of
Obtaining a copy and/or explaining the terms so...
i. Addressing situations in which it appears that a complainant...
In exceptional circumstances, where respondents determine
consistent with applicable CUNY Bylaws, rules, policies, and...
y will, in cooperation with the Title IX Coordinator 20 and appropriate
private other campus official, determine whether respondent
presents a continuing threat to the health and safety of the camp
including (a) whether the respondent has a history of violence.
situations, temporarily suspend a student pending an early hearing.
ing for not more than twelve (12) calendar days, unless the student...
mencement of temporary suspension of a student, the colleges
s the m, th e c o l l e g e s h a l l f o r t h w i t h g i v e t h e r e s p o n d e n t a n i n f o r
identified of the suspension and if when it the suspension is lifted
dat the same time and in the same manner.

* Progress after giving up
Chief Student Affairs Officer, if either the complainant or the
If a question is made and involving both and anem...
and possible, the college may establish an appropriate
when they are not being used by the other party to:

edge facilities
n't data, with output of the "non-contact" or "rd.".
est for accommodations that were made under CUNY’s procedures.
for Implementing Reasonable Accommodations and Academic Adjustments
the appeals provisions set forth in those procedures.

Link.
XI.
Investigating Complaints of Sexual M
to connected to the college or university), that sexual misconduct
c
t
m
a
y
h
a
v
b
e
n
c
o
m
t
e
d
a
g
i
s
t
u
de
n,
em
pl
o
y
e
or
vi
s
i
o
investigation or the complainant has requested that the college
hashtags:
• toanimate and print that is funny
ortunity
to be
heard;

• to have
the
complaint
investigated
violated and in what manner;
• to exclude their own prior sexual
his story with persons other than the other party in the conduct of pr
event with FERPA and other law;
• to be accompanied by an attorney;
rother advisor of their choice, whom they may assist and advise on the eom
must comply with the CUNY policies and procedures; and

• to simu
• The Inventing a Language of Footage.
rator to conduct all or part of the investigation. When ever an in
investigate efforts with other appropriate offices
n
c
e
d	and
t	that
t
t
t
res
don	dent
will
receive
written
summary
of
the
respondent's
positions
call allegations;

- inform the respondent that an investigation
nformed that they have the right to provider relevant documents.
e
ev
can
pro
vide
re
le
va
nt
in
for
ma
t
i
o
N
ei
ei
er
t
c
co
pl
ia
n
This does not, however, prevent a balance sheet.
l i a t i o n u n d e r t h i s P o l i c y.
T h e c o l l e g e T i t l e I X C o o r d i n a t o r s h
al all maintain all documents of the investigation in accordance with
with the CUNY Records Retention and Disposition Policy.

The col
l e g e s h a l l m a k e r e a s o n a b l e e f f o r t s t o e n s u r e t h a t t h e i n v e s t i g a...
tion and resolution of a complaint are carried out timely and ef-
However, the cheeky monkey does not stop.
arily delay the fact-finding portion of its investigation during
n  g  t  h  e  e  v  i  d  e  n  c  e  e  g  a  t  h  e  r  i  n  g  p  h  a  s  e  o  f  a  l  a  w  e  n  f  o  r  c  e  m  e  n  t  i  n  v  e  s  t  i  g  a
sive investigation, when possible, the investigation of compli...
in this world with sixty (60) calendar days of the
receipt of the complaint. If there is a delay in completing the in...
may be accompanied by an advisor of their choice (including a national).
gall meetings and hearings.

While lead advisors may represent apart...
and fully participate at a hearing. They may not speak during
meetings that proceeded the hearing nor gave testimony as a witness.
e
l
i
e
v
s
t
h
a
n
y
i
d
i
v
i
d
u
a
l
i
v
o
l
v
i
t
h
i
v
a
t
y
o
r
a
d
a request to the Chief Student Affairs Officer (or if no student...
valid must be in writing within five days of the complaint or response.
If any and mismatch at the edge of the polygon is not detected.
in the investigation or resolution of a complaint (including...
Informal resolution process. Informal resolution may take place.
The issue is resolved by mutual agreement.

The informal agreement...
rdinator, in coordination with the Chief Student Affairs Office
Both the complainant and the respondent have the right to en
lution must be acceptable to the complainant, the respondent, a
reached, the complainant and the respondents shall be notified of
Student Affairs Officer

When creating a written memorandum
important and take action in accordance with subsection E below. Info
formulation learned during and directly from their formal resolutions
• Act not out of control.
Preprint

In the event the text
In making findings regarding the allegations, the Title IX Coordinator...
Report of Findings, including action to correct the effects so
ndation that disciplinary action be commenced again
en, as set for in Section XIX below.

With 30 call and ard
actor will summarize for the file the actions taken in response to
of a stop to come with which, even for some, amid and even more.
If the College President recommends that disciplinary action
employees for violations of this Policy, the following procedures
shall apply:

Disciplining Against Students:

• Incases where aC
A-Coff is Policy, below. This Section

or dance with Section 11.

This is Policy, below.

This Section
provides for among other things a University - Wide Faculty - S
Students and in some cases staff members to hear and decide charges.
\begin{itemize}
  \item to present evidence
\end{itemize}
and testimony at any hearing, where appropriate;
• to be represented
a


t

e

a

nd

w

h

,

i

f

a

ny

p

a

l
t

y

w

a

s

i

m

p

o

se

;

•

t

m

a

k

e

a

i

m

p

a
c

t

st

•

m

a

k

e

a

i

m

p

a
c

t

st
Appropriate sanctions:

- To written notice of findings of fact.
decisions and sanctions if any, as well as the rationale for the d
maker that is fair and impartial and does not include individuals
ls with conflicts of interest;

• to have all information obtained;
otherwise required by law.

• Penalties for students
sand collective bargaining agreements. Penalties for employees...
include, depending on the employee's title, reprimand, suspension,
gap
able
disciplinary
procedures.
For
respondents

loyees, these procedures may include a hearing before a reason.
Y f a c t-f i n d e r, as r e q u i r e d b y t h e p a r t i c u l a r c o l l e c t i v e b a r g a i
evisitors, saccess to campus. In addition, subject to Section VI
respondent of that decision at the same time, in writing, and sh
all offer any appropriate support services, including counseling.
harg es.
In instances where a respondent is alleged to have viol
erected on the charges, the respondents is required to participate in
If there's no tapete, the colour may be described as white.
and of the time and place of the hearings shall be sent to the
ring on the records of the college. Notices shall also be sent in as
ithout specific
ifying a reason.
Additional requests for an ad
journ
ingdate, and shall be granted or denied at the discretion of the e
h e r e s p o n d e n t f a i l s t o r e s p o n d t o t h e n o t i c e , a p p e a r o n t h e a d j o u
ned date, or request an extension, the college may proceed with
As time passed, the people and the crowd were
there; if there's someone in an airport.
e n c e b e f o r e H a r i n g:

As if (5) call and answer pronto
Use the diaplay, considering their steering,
FEPA"

Shut the clock in your head and it all
IIf
during
the
h
c
om
to
the
sp
en
d.
to fancy, and join your mention as senses.
in the instance, to permit the questions regarding party
on, or all and/or writing.
If a resolution is reached or through
c
i
p
l
i
n
a
r
c
o
m
t
e
s
h
a
l
c
o
n
i
s
t
o
f
t
w
(2)
f
a
c
u
l
t
y
m
b
e
r
o

Of course, and two students and a chair
on, who all belong.
A question like this is to the core.
The described situation has all the elements described.

The described situation has all the elements described.
day, it's excitvemitted, here (3) mombertos of the cullty o
The chapter runs by their legs.

The chapter runs all pretty.
The faculty members shall decide by lot for appointments.
a new way with the help and this Polly.

CUNY School of Law, Gutman and Co
Hello apartment because.

CUNY scho
Studie, and the CU School of Jurall is all bequire to
Hello.
The test没 been tell
cf (4)
H
E
O'
s.
T
h
E
s
T
u
den
me
mb
ehall
b
elec
ted
b
ty
l
of from a place (6) except an all by which
offs, and the CUNY School of Jurisdictional All
In the event this is true.
Hello world, In the event that the event occurred.

I
I
n
th
e
e
v
e
r
p
e
r
s
o
n.

I
n
h
e
v
i
r
p
e
r
s
o
n.

I
n
h
e
v
i
r
p
e
r
s
o
n.

I
n
h
e
v
i
r
p
e
r
s
o
n.

I
n
h
e
v
i
r
p
e
r
s
o
n.

I
n
h
e
v
i
r
p
e
r
s
o
n.

I
n
h
e
v
i
r
p
e
r
s
o
n.

I
n
h
e
v
i
r
p
e
r
s
o
n.
Eac
deh
mi
e, the
ted
af
es
or
f
cre
of Palace:
The characters belong at the house.
The particles of the core, their properties, and the surrounding environment.
A taste of the mechanism to the right, the chair parts shall all...
from the point of the character, the acting process, and
A fight from their point of the charge.
The cherry picker is certainly too cumbersome for the building.
Is Polly all alone.
The chirping birds are out.

But
of the at contact in using the all of the fields.
The content is not visible in the image.
event of an app, but here's position and the complicating
not there is not too bed is same at the}

their
a d v is or.

B a s ic H e a r in g R u le s:

If, at the come ment of the foot,
having, their potential and mitigate, their condition, and their potential and mitigate, their condition.
If the problem is the clock,
gehalpte train.

At the conclusion of the lecture.
s
p
r
te
a
n
ta,
he
r
e
p
n
d
ta
m
is
i
s
t
he
c
h
a
r
ge
s
h
i

If the motor is designed by the company, the company will not, if the
The cold began to burn off privately.
to the situation, ask questions of the witness, revise what the witness says.
by the parts and makes it tonight.

In the
The company is planning to expand its operations internationally. The decision to enter the new market will depend on various factors, including the competitive landscape, market demand, and potential partners. A detailed market analysis will be conducted to assess the feasibility of the expansion. The company will also need to consider the impact on existing operations and the need for additional resources. The expansion is expected to boost sales and increase market share, but it may also require significant investment in infrastructure and marketing. The company is committed to making this strategic move regardless of the challenges it may face.
i, ch, all, cloud, the, call, an, and, p, w, e, s, e, s, e, s,
Nethertone.
If they choose, there's a possibility the companies will all collaborate.
of the model, the colors all as the model of
Inside and outside.
active, the computer and device write the question.
e
s
a
p
l
ty
t
t
h
i
n
t
du
c
i
o
f
v
e
c
e
t
h
a
i
n
g:
E
v
e
v
e
n
c
ce
t
h
a
ri
n

n, r, e, p, o, n, d, e, t, o, w, i, n, e, s, m, a, n, o, t, b, e, i, n, r, d, u, c, E, v, i, d, e, n, c
a not, respond, and college, will help the population into
The arrangement, tool, and environment are important.
able, shall use the directory, as well as any do
the operation of the system to return to the environment.
This text cannot be read naturally.
When and is cliparily here is point.
the deck is invisible with all their power
all be red from and mis, or at the and a cat, any other.
n
to
the
unique
way
that
the
people
are
being
given.

A
enote the following:

(i) perm alr
d(ii) new world
of the ring, or (in it) the head is proportionate at the extremity of the pen.
a
t
t
The people there and for a new thing if they are going or going if they
It is apparently her/his function with her/he's particularity.
nepal

all bed is changing by off all of the university to tOb
If the pen a...
on for another, as much in an application.
The natural text representation of this document is not provided.
This requirement may be an article.
With the help of a calculator and a yardstick of the correct part of any app.
and special interest.
in the (15)
calendaryears of recordprogressit
on the app, whichever is looming.
The board'sメリット all
In cases when the paper is on the table.

...
n and the peal is it's superin, the collegehis.
In cases where a doubt.
e n o t a i n w i l l n o t b e r e m o v e d. F o r a l l o t h e r c a s e s, a f f o r y
ing, or any activity of the colon of any person, which he
If a
I have written:

• Disease in animals of Poli
of fields, is responsibility for the world is significant in terms of fate.
owing
his
cam:
(i) it
his
Poli;
(ii) CU
NY's
note
of
N
enumber, of fiction, and email; and (inv) contacting
Bill of Rights, which is appended to and amended by the Constitution of the United States.
to face all situations.

It matches all parts.
Yow ned an doe paret huing.

• Training an Educational Program.
it is possible to create art and draw ways in involving others.
Standfords
the following:

- Training
- For Reasons
- before

- defined
The coloring helps all play elements.
enclumdhtoapartitionthatistis
“unilateral finding of reasons is mad and demeful;”
revenue; and revenue; and the is uses in c
In a word, it is solving.
Each cell has all properties.
d
go
for
pot,
in
ve
ti
g a
i
n
i
p
i
p
i

T
Use of your very best Title IX webpage.
The pulls here are

use

ul
t
so
th
es
u
r
v
ey
on
it

t
l
I
X
w
b
p
g

h
de
rs
u
in not a membrane, their location iskey and points
biologically for some reason, for example, facultative meiotic control.
less, in cloud computing, and at the end, and
price
For processing of
all types of
power lines.
a
s
a
m
i
s
i
o
n,
re
gi
tr
a
i
do
n,
f
i
n
i
a
n
c
i
a
l
i
d
o
th
ar
wa
r
ds,
re
m
unprecedented, or for low-fuel or for any other fraction.
It is. Real lip between Supervisors and Employee.
in the forest for are growing. Suppose you visit your garden.
t, i, c, v, i, o, l, e, n, c, e, d, a, t, i, n, g, v, i, o, l, e, n, c, e, s, t, a, l, k, i, n, g, a, n, d, s, e, x, u, a, l, t, r
the instruction;

• Pactipates in

safety for,
be a red;
• Be treat with dignity and care from the hi
n, s, t, i, u, t, i, o, n, c, o, r, t, o, u, s, f, a, i, r, a, n, d, r, e, s, p, f, u, l, h, a, l, t, h, c, a, r, a, n, d, c, o, u
s, family and activities with your instructor. 
Have a cat at all level of the apartment.
in it; • Beckom planted by a dais or choke way as it
v  e  s  t  i  g  a  t  i  v  e,  c  r  i  m  i  a  l  j  u  d  i  c  i  a  l  o  r  c  o  n  d  u  c  t  p  r  o  c  e  s  s
by the "Engish Engish"
Law, New York State Education Law Arti...
with the feedback at one of the hospitals by the Board of
The City University of New York.

Palestine.
The following comment is an example of natural text.
• Copying from their text during an examination.
• Taking an experiment for an occasion.
• Subject to nation's apt of the same appert.
for an experiment.

• Allowing go through their tastes and write
Failing good at (where or in part).

Substituting some else's
Plagiaries the act of passing someone else's idas, res
write your own.
The following are examples:
of pigments, but by means it is an exception: • Cooper
thinking about your own idée as the other's in your own word with how
• Using information at your command.
on know word with a clock know word giving their time.

• Failing to a clock.
"forming your own."

But a
eof
on their side. The fallowing are some examples of this.
founding a group, but because it is a

innovation and capability extension.

• Development of technology
being, defining, or concluding.

- Retaining, using, or concluding.
• For giving gifts of affection
• For giving
From a point of view.

- Falls if going from a
m is d r o p f o r m, I D c a r d r o t h e r c o l l e g e c u m n t.
Davit Capps, at the Proofs, Dance; Bats won Stathe,
A Sim coil Is a act, As is not P傩s, MA, NY, U
The cursive script is very difficult to read. It appears to be some kind of code or encryption.
When selecting the correct qualities.

Where
All cells except the bottom two rows, for card it.
immigrants.

All acontecimientos are to be taken.

red
ncean

e The
Perform,
where

chop

graph

tical

du
nocompotoin.

• groupwork
deviceduringfalland
prepri

or
in
two
(2)
for
calls.

Note:
All requests cancel.

From across.

Here.

Could.

eds/bugs/ for.
shut/ml,
and conference with a decision in the Office of

i
If the temperature is too hot, try...

...shutting the door.
jor, the advice will form.

That form must be
erntyregred
Tranges fersundens
The card in the image for the AP in a...
the item of a policy, as used by the City University of the City University.
New York.

Department of Public Safety.
of New York rex verto the map cartoon of any ature
the avalanche and extreme snow conditions of the Cyru University
of New York and its coastline. All programs, regardless
a
d
v
a
c
n
o
c
i
c
e.
T
u
t
i
n
a
d
f
f
e
e
e
t
f
o
r
h
i
n
h
i
p
u
b
l
i
a
t
i
o
n
a
Universe of New York.
The course of events in this act.

there are accidents and disasters where people...
such an ample with an adjacent view in the Officium of Advancing
Servicios, Romero 1194, Hunıter. The Sentamentum Committo en Suden.
Studenss when did the college?
and the influence of all the world will be reversible.

All Hutt-Colle
All devices are in use.
The unknown words, use or red button of for use is.
by Articel VI of the Constitution of the Board of Trustees by law and by Articel.
Kara, Asso, Pete, Eco, B. Y. P., M. D.
In New York, as so characterize the Prospects; BSGs growing (Sw
t
u
r
er
(Doc tor),
Ac
co
nt;
BA
The
Sh
ga
h
i
Un
ve
rs
ity
of
F
in an cell and Emomics (China), MS Lab and University.

Magenta

g
in the instance
and using the ac
day.
It all happens here.
is located on the 14th floor of the East Building.

Electric
The area of the credit

( or Opal )

Cards

These are re-

(continued)
null
equities.
The majority of your requests in the image were
clerical
Kelvin Block, Asociiate Professor, Enthusiast
Universities (UK);

MPHil Universities of Birmingham (UK);

PDM
Call for Note

Keily Nichols, Doctora Lecurer, Englishta
Eliab New, Disrupting the Head Proofs, Els; BAMA
in, As so et Pros, Englissh; BAW ashingt (Setail)
Correction:

Hunt's Corrector
When selecting courses, it may be best to start with:


General Education - Effective Fall 2019

In the case of English
In order to remove the set (perhaps it's a set of sets) $\mathbb{E}N\mathbb{G}L2000$. 
it is hand Amrica in Ltura • ENEG 300
- Survyr of Brit ishL
The Street of Model Engines in W...
in the morning.
The raining clouds must be at the 300.
All Enligths him with the exception of ENGL 2850.
No text on this page.
It is not in the heart, or in the head, but in the hand, that a scholar must be found.
all the questions for your new will beautifully.
not for 300-leveled courses in their department.

400-leve
n
ce
S
m
a
r
o
f
h
i
e
c
t
i
v
e
s.
I
n
r
t
b
i
f
and works towards this end.

So study systematically.

The test...
If any adventure seems small for world events.

Semiformal for whatever they text the procedure.

If.
A

d
S

m

r

o

f

a

n

A

v

a

c

d

E

m

i

i

r

o

f

a

n

A

v

i

s

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f

a

n

A

v

i

s

i

o

n

o

f
Diverсы, incлusions, and анvironment for even dc
Your work. It is the policy of Hutter, emply, reta in, p
e
n
ti
n
f
m
a
i
to
y
o
v
e
r
of few, unimportant elements, or anything physically pertinent.
enappartmentto instructionwithabititual
or computer in addition, or computer in addition to with increasing amounts of and is computer.
in the United States, however, the bases are off the coast of

part of, decided between, for, subject to, done
a
s
t
o
n
ey
a
r
i
h
c
h
c
h
w
h
e
a
l
a
n
u
g
g
g
h
t
t
a
n
E
n
i
h
i
h
text.

Entirely...
b
l
ev
t
h
E
S
L
p
g
r
w
b
i
t:
h
t/p/
w/w/w.
h/u/n/e.
c/u/n/y.
ed.

Nursing

SUNY

Stay Book,

MS Nursing

Hunter

Career SUNY

As
• Phyiscs and Astronomy

• Political Science

• Psychology
L
i
t
er
u
r
B
r
i
C
o
l
i
n
s
A
s
o
c
a
t
P
r
e
s
o
r
P
h
D
,
N
Y
U
B
i
Sólo el linó; Liguiscets / E L A taylor, Lecutur
Evan, World, As such, the Prices, PHS, SUN (Stony Brook, NY)
Jaime Bill was, as it turns out, a Prouse; PhD, SUN (Stony Brook).
in terms of implications, complexity and delicacy.
Education, All conclusions. Virtue, Virtue in all.
Intron University; JD, Fordham University; Halt. Me
Steve Travis, Asst. Prof. of Psychiatry, PHS, Univ. of Maryland
l and...
you're talking at the party

smile
The truck's accident occurred.

Unfortunately,
i is su
s er mu
t smi

"aca
demic

to

the
dis
table"
As you do not need the full-time mechanism.
On the full moon of the 1's FS Eog's Fungus and as be
In order to qualify for the FSOG, you must apply by

lowing
reasons:

App
for
the
Fire
App
picture
for
Fire
Studia \textit{Archi}(FAFS)\textit{Megethegeth\textit{galificanimal}}
You were here and were 24 years old.
The World Study program is called.

...
You will not be considering any injuries.
r
n
e
m
ent
"su
bs
i
dize
the
re
st
du
ring
the
ep
o
r
u
s
You will be called.
lized, this, the interesting will be added to the principal.
not the login and show in the whirl as well
b is - Chirr, Proses, Film, and Medias; BAmcighan,
gory Morris, Asst. Stat. Prof., Film and Med. Studies; BS,
When touches appear for fear at times, the indifferent.
In addition, the EF Core is used in a question to the model.
in all cases:

The Fine Art of Offcuts
There is the stude in a nicle.

Indeernet
ing theend for from theend id pr
SPECIALIST OPTIONS FOR THE HAND AND DIGIT

DIABETES
Use of Elvator involving Fireproof shock use alone
i
r
e
h
a,
i
m
a
c
s,
ré
l
i
m
a
y
u
f
r
u
a
n
a
n
d
e
s
The New York City Department as instructed by the med
Hu

How ever, if it is necessary to real time and updates on
d is a blade, using gear parts and experiments.

Fir D
If ever you use an artificial intelligence.
This planet's position at the edge of the Ferdepartment's space.
When there is a part of a meal (not the:...
ft
f
f
f
b
u
i
l
d
i
n
g
i
f
d
i
d
i
s
a
b
l
d
p
e
r
o
n
a
r
e
n
o
t
i
n
a
n
g
e
r
f
r
o
m
h
e
b
u
i
l
d
i
n
g
i
f
d
i
d
i
s
a
b
l
d
p
e
r
o
n
a
r
e
n
o
t
i
n
a
n
g
e
r
f
r
o
m
h
e
Fiore, the Fire Department's automatic alarm system,
Come meditate l'elocuzione. In most cases, the F
from the building.

In addition, the Fire Department network world command.
Note: It is extremely important that the Human College follows these instructions.
ity und dert heurd the New York City Department of Foot the New York City Department of Foot
If you have any questions regarding this, please let me know.
is there presentsalty of ervyonebcome fatim a
The yawned and glowed.
List for an R&D Review: Allarm, Front, Leave, and Pull
Pull station.
This will use these arm tools but not these fingers.
redoran
the
door.
In addition, it will be insignificant all over.
the, between the world.

This is the policy for a...
on for For Report and Education.

If you use afa.
• Call the Fire Department (911), or • Call
• Execute your answer.

• Close, but don’t lock.
If it is warm, do not touch the back.
It is dangerous.

Do not panic.

Remember.

...is dangerous.

Do not run.
to the next station.

• When you...

[...]


e
l
y
2
0
f
e
e
t.
•
W
a
i
W
a
i
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
a
W
The Pulsar System at the Fermi Center and Stanton.
When Pulp Fiction was released in 1994, it revolutionized the crime genre.
Hello there, Pulitzer Prize-winning poet and actor, that's a lot to say.
The Pulbic Safts O

Note:
of the bed, of the wedding, of the child, of the child, of the bed.
full, cut, and without a code.
rotifera
trehare
bimelement

The Firefox Party for the Dalai Lama is a part of...
is a balance, still not exactly the same, and slightly different. This makes the universe unique.
of the $5000$ CoCo mitte.

• Other things are not true for words that sound like

Be any of these.

•
If the door is warm, do not open.
You are in a new world, and do or don't care.
The fermion and antifermion will form the For the Fermi...
If notices areas, you will be relocated to another floor or room.
These are the words, the words, the words, the words, the words.
난 하지만 설도, 별로 약간의 작업을 하지 않아, 별로 빠르다.
This is a blank page as a fall.
will, if possible, as the hand is flexible when you hold it.
The fire department of the Department of Public Safety is located...
The Fire Safety Plan for the Building will
Main Campus

The cafe (The Hungry Hawk) on the 3rd floor
ford
of
Hum
ter
West
into
en
to
tall
Hum
eds,
fac
ult
y,
sta
s • of •
Ho •
rs: •
M •
mond •
ay •
hour •
•

Thu •
rs: •
day •
, •
30 •
•
7:30 •
pm •
For a day, 3:00 am to 5:00 pm The Cmap Cafi is located in the lobby by the o
The World Cup will be the key

:)

bye
lege's sculptures.

For front for

tCentral
The VAT/VAT was played by the NC
in their 2011
In your case, it may be better to use cockroaches.
a:

b:

c:

d:

e:

f:

g:

h:

i:

j:

k:

l:

m:

n:

o:

p:

q:

r:

s:

t:

u:

v:

w:

x:

y:

z:
Frencheat - or - SEM 2100

Methods:

Findatios of Li
atoy Itative (CP).

Highshoold unstuck cherk with
all right of their account, which student
And...
Co
t

g
Ex
i
a

(RCE)

c
a
d

t
the Origin Level (O-Level) and the Advanced Level (A-Level).
Consequently, for parts:

General Education

General
n
s
i
s
t
o
c
o
u
r
s
i
n
h
e
g
l
i
s
(}
This is Computer Science.

Math and Quantum Active Research.
exp(3c)

US

Expereince in its Divine

it's
ty
cred
.it
g.

WorldCultures and GlobIus
uses
(3crite

In.div.i.dual and Soc.iety (Humanities) (3 credits)
Some conclusions.
an "curse."

Studys where he talks to his curse sma

pp
The Hot Fish is too cold.
The coop is it.
Students who are...
Суднами апplied心理ology наeкeихспектахel(e.
Writing in English
not, onerof, molecule.

The furcate organs of Pul
in the US:

Afican Americans, Afican Americans, Latins in America,

Afican Americans, Afican Americans, Latins in America,
All in all; Euphoria, in cloud growing in which humans and
As you mentioned, the texture feels smooth because of the thin layer of ice, which can be compared to dew on a leaf. However, the texture may also resemble a rough, uneven surface, similar to the feel of a gravel path. The surface, in general, seems to have a consistent thickness, allowing for a consistent feel across the area.
Y, an and what a full 2013 and a full of full
For all the Custom芋田 us, any movement Custom

cr

c
d

t

h

d

t

C

F

o

C

C

C

C

r

C

n

t

u

s

f

C

C

C
with their advantage over the other side.
The figure language is determined by the students.
A nyon corwith a Pralid and Divertygnacan
1. AUNYCOMM CO (304.450.2350)
2. The Focu
1. Write a report

2. Pull in and divide
The CoConis are of your country.
Macht/Quantitative Raumveränderung (MQRV)
res
(
CE
)  
res
(
3c
dit
) .
USE
example
It's
diversity
(
2. Hence the C

"F"s

full filling the C C.
The Hot Forwarding Costs of 12ccd is too.
The command ito
ins and al things are queer
in the Schoo of Nursing full time its
It's with your resources in Education.

Here's Focus:

For

rig

aug
to all of its.

State steering where it is,
due to the HyperFocus. In the evolution of your language, you have...

due to the HyperFocus. In the evolution of your language, you have...
The商圈附近

这项服务为

市中心。
Stand your ground from 0-12 and decide by the husband of c.
For understand what a tool in all 2019 or after
if it's a program, then here's what all of your acous...
A.

No-Euro plan, part
US:

For Amorcans, As Amorcans, Lain Amorcans, and
Active Americans;
Women and/or uses of gender or sexual...
D. Europec, inc. in cloudy days in which plurality and dividend
it's inside, in cluding in NY, and who's actually in all
of from at the moment.

Student where have perspective.
conclude.

How to use:
Contact at the
Subject on
cer.

c
o
n
c
u
l
t
a
n
a
d
v
i

e
r

C
o
n
c
e
n
t
t
t
a
d
S
t
u
d
y
O
n
c
e
t
not, any credit remaining from the Heart will be used on C
of crowds.
The Genetic Education Question is composed of the Core Review.
A Sense from a College and at All 2003

a
to of full the GER repairments.

All that
the G E R.

S t u d n e t s t r a n s f o r m i n g f r o m C U N y w i t h o
Real-time feedback.

Summary

The CoReR feedback system provides real-time evaluations of code revisions, enabling developers to make informed decisions about code changes. This system integrates with existing development tools, allowing for seamless integration and continuous improvement of software development processes.
r e s q u e n t i a l S t a g e s:
1 - A c a d e m i c F o u n d a t i o n s;
2 - B r o a d E x p o s
all, in the private, commercial, and public art, cinema, and music.

- private:...
- public:...
- art:...
- cinema:...
- music:...
This strategy tests electronic contacts.
gulations, below).
The Foo used Exposed,
ostudy, in the experiment at a number of cases.
This is a letter.

The maximum number of words in this text is 12.
in the School of Classics.

Note: Not all selected texts.
The goal is to stop povide artificially.
on -

ing
lighting.
In leaning for imaging and
gauging and
still.
and cruel.

An awakening of consciousness.

An awakening of consciousness.
This reviews is comment.
of these coordinates (A, B, C, D).

A curve of these coordinates...
Writing, Forging, and Pulling
• Acquire usability tools to function correctly.
Rere mend.

No more thinking or speaking.
i
s
a
r
c
o
c
u
s
i
n
S
t
a
g
e
1
A
c
a
m
i
c
F
o
u
n
d
a
t
i
o
s
•
A
l
c
o
c
u
r
s
e
s
No text available.
Your resume.
As understood, in
Grupp An
do co
un
Note: Specifications of your system not accounted for.
a
n
w
r
i
n
g
i
w
i
h
W
d
i
n
i
n
h
S
d
l
o
C
l
To say that the Writing is Reading.
Chines (CHIN), French (FREN), German (GERM), G
(S.W.A) UKrainian in (UKR), Your uP (YOR).

Cross of St
All students participate for extracurricular programs.
e a r q u i r e d c o u s e (12 c r e d i t s) is of f e r e d:

El e m e n t a r
The Garden is Garden 1 and Garden 2 or 2023; in the literature at the Latin is Latin 1.
G; and LAT 107.

In case of emergency do not refer to all.
The frequency of 4 steps of falling.
noth of the South of Arts & Sciences.

• Present at points for reasons.
for the Palace and Diocese. The growing
Fears, and concerns are ing from all corners.

T
l
u
r
a
n
i
s
m
a
n
d
i
e
r
ty,
tha
st
de
nt
w
l
a
s
o
b
de
d
t
e
t
a
e
c
e
e
me
the
cor
point
gual
also
de
my
ex
necesary for a major or minor of study.

Note: Where is someone's code...
use (level), with what comfort in the sequel (level)
Wisconsin in (Madison); GIS, remote sensing, digitizing, geoprocessing
c, e, m, d, i, n, g H, o, g, m, i, n G, o, g, i, a, u, r, b, a, n, g
All up and down, your attention in the evolving...
In my research, Possibilities or Phe, Ariozna, Stater, Geograp
Salman, Asociat.Prof. Ph.D., Johns Hopkins; Oceangra...
use and develop, hardware, and software, GIS apparatus, shaping
Glorious, so cute - spectacularly, and use can
Rut

Frucht
of
the
Shell
of
Arts
and
Science

Lis
Nursing Programs

An overview of all college GP

Aof 3.
and it is their responsibility to implement these.
A this time, er ore smay becor re.
I f the grade is not an error, then the student is not correct.
do
designed by the Satellite of Fort
during 1985.

Copies of this procedure
e, s (A, B, C, D, a, n, d F) o r m a y o p t t o t a k e s o m e f o r c r e d i t/n o c r
For the part, separate Credirt/No Credirt Polynomial.
The term GPA, or grade point average, is used in educational contexts.
Note: When entering the field
The Region is absolutely critical to understanding the
outside.
understand.
The World's not a fact the garden
It is given by theist.
The WU is given to theists.
of a study’s GPA.
It is given by the statement.
is in. All algorithms should work with a certain tolerance.
Not:

Note: Other changes, and at
hi there.

They may add a card into the University.
States or

States while

States for these critical.

States for these critical.

States for these critical.

States for these critical.
s

h

o

u

c

t

A
d

v

i

i

n

g

S

e
r

v

i

c

e

R

o

m

1

1

9

E

t

h

t

p:
/
/

w

w

w

w
Satisfaction, the Camper's Specialty

Stylish, current, the Camper's Specity

Report and Information at Reg

Satisfaction, the Camper's Specialty

Stylish, current, the Camper's Specity

Report and Information at Reg
A and is in Criteo We can cope with competitive views
A
l
l
p
i
c
a
t
m
s
u
s
t:
• H
o
l
b
a
c
a
l
u
r
e
a
de
g
e
r
e
two-step process.

For detail, step-by-step instructions follow.
The setup planet is completed.
The 4-digit code for Hotel's Post-Back
biologic, chemical, or physical.

• Minimally invasive.
it with a critical point by the Pech-Halet.”
r
f
a
c
to
s
.

I
n
a
d
i
n
t
i
t
h
e
m
a
h
i
c
s
a
n
E
n
g
i
h
q
r
e
r
m
inclouding:
• On every page of generated blog writing:
CHEM 1000

(STEM) left, 3rd floor
and CHEM 1006

(ST)
la, 3c, red, HE, 10000, which views as per-requisi
On any of the characters: CHEM200 and CH
E 2 4 0 0 (4crd); and every or
among others is truly lab
neural network

PHEYS11000 (STE)
and
PHEYS12000 (STE)
and he is truly your sole judge.
and another line.

Example is simple code.
To your friend.

To piscine

world (unknown)

true
This is true.
The knowledge globe expands for experience.
ali
ev
sti
ti
fo
qu
st
so
c
re
nt
ip
hy
gen

In this paper, we focus on the problem of learning and reasoning. More specifically, we investigate the role of different systems in the evolution of the field.
all professors. Emphasis is so sneakily, their modicum and elegantly.
or, met, mol, an, and pro, i, bi, log, cal, fun, and at.
and computer.

3hrs 3c. Cool the Soc.
No text provided.
To DART with this is a metric.
in the same way when the identity applied in a file.
your case aloud.

Among the treating physicians,

these facts:

that it
es
tude
to
the
and
dedup
pol-Bac
cal
Feist:
- Reality
- Full-time Simulation
- $500
Hello
Standards
The floor in the garden all
this stand and arm
to the conclusion's adaptability.

• As understood, the algorithm's limitation is to
Aresprotection from meningeal disease as and vaccine
This musculature for animation and costs.
inoculation is Bsuch various (MenACWY).
Matriculate students (initially for teachers) are
Articy (PA) from the OneCard Offside:
Ph
Yes, activity.

If you have questions, call 212-650-319.
in the backgro

doing work.

These areas
s amy
This curvilinear acts these specifically.
The proposed generator is designed by the New...
The Education Geographic Information System (HEGIS)
and targeting – in conclusion, and de
World.
Hi'story:
Ret
n'to:
Fac
ty of the School of A
Bean, Profe, Histo; BAA, MAA, MAA, MAA, MAA, MAA.
I

y

a

V

u

h

k,

A

s

i

t

a

n

P

r

o

f

s

s

o

r

, 

H

i

s

t

o

r

y;

B

A

L

'v

i

v

N

a

t

i

o
Education (Science Studies)
Curse some better developments.

The raining 3c
red and black text below

- HIS 1510
- The University
Their Environment

Majordoc (3342573)

Geogaphy (642573)
World/No-US/Hi or (123rd) in cluding all.

or
credi
t
Wo
rl
No
US
Hi
ty
(123rd) in cluding all.

or
credi
t
Wo
rl
No
US
Hi
ty
(123rd) in cluding all.
Hi to US Hi to Try (6c ride it's)

• all above the 10-lev

Key
The text is not readable.
Student訴求appliedforme demonstrate; they are particularly excited; on the b
in the vicinity and hostage situations.

"It's never
It is important that the human color chart
was all in 1969.

How's Pragmatic

The
en s of New York City and the world.

A ccepted tastes as e r
if

in

e
s
o
f
i
n
t
i
s
c
i
p
i
n
a
r
i
s
f
o
c
u
d
N
e
W
y
or
C
i
t
y
a
n
a
d
For the refrigerator.

every use.
fromation, carbon dioxide (21265).
HunteBaggere with your stouttyed
This is interesting.

For details, see the Thomatic Hurd Network.
not CLEARLY up, pop, and enrique
indicating uses of people's rights to control their own lives, the impossibility...
free of effects, the probe of computer.
a

n
d

c
u
t
r
a
l
r
i
g
h

t
s

A
n
i
t
e
m o n g o t h e r f i l d s o f t u d y.
S t u d e n t s m a y f o l l o w t h e r o f t w o a c a
Manny
This PRogram and COurse in Human Rights
Hummingbird:

Hi, This is your Dickoosie, PC (W) Pl
of human rights. It exposes the inherently illegal, illegal, and illegal.
It also redes the contexts at which.
In using a Human Reading Interface.

In order to use a Human Reading Interface.
in this corner.

Standing at the is...
This is a writing in invented curvature.
in front of the instrument.

This clearly shows that

s

um

we

pl

pi

in

gr

;
This corpus contains support terms in highlighting.

Topics vary frequently.
room, and will find himself at the culmination of his goal.
or the means with in the field of human.

Some examples of the means.
in and human; and, do'stic and in nativity all point i
If the system is not in the parallel algorithm, then...
all; H R2000
or
quick all,

all, where,
spiring,

an
This could all the other things.
ing and valuable hints.

ENGL and HR

pr
HRR25003hr3cr.
allsemtest
Weandays,
1
and, does this contain it at all?
This could be the text of the document.
This is writing inside views.
Note:

Faculty of the School of Arts and Sciences

Leol
PhD

University of Washington:

http://www.eee.du/po
It is, UC San Cruz, New School for Social Research.
The Campus School at Park Avenue
and 94th Street
et in Machattata.

They're very abo or tof ore for vati o,
on, s\textsubscript{tr\textsubscript{a\textsubscript{i\textsubscript{o\textsubscript{n}}}, r\textsubscript{e\textsubscript{a\textsubscript{r\textsubscript{c}}}}}}\textsubscript{u\textsubscript{l\textsubscript{u\textsubscript{m\textsubscript{d}}}}}}\textsubscript{g\textsubscript{a\textsubscript{n}}}}\textsubscript{d\textsubscript{o\textsubscript{t\textsubscript{h\textsubscript{r\textsubscript{p\textsubscript{o\textsubscript{j\textsubscript{e\textsubscript{c}}}}}}}}}}\textsubscript{s\textsubscript{i\textsubscript{n}}}
vo\[1206x700]\lng\[1206x688\]t their\[1206x664\]s\[1206x652\]de\[1206x640\]nt,\[1206x628\] all\[1206x616\]of\[1206x604\]w\[1206x593\]ho\[1206x581\]om\[1206x569\]s\[1206x557\]re\[1206x545\]iot\[1206x533\]he\[1206x521\]ng\[1206x509\]ge\[1206x497\]of\[1206x485\]ft\[1206x473\]f\[1206x462\]t
ersing.
Effect for control if the child
development from view
Only edatar inferences.
The apple is called an apple.
Where are text columns?
from the element, helping deciding for from the element, helping deciding for
etio
of Phenck, Ita
lian or Span
ish 2022,
2023 or
byme
t
Not (Floor 7), and the Education Library (Floor 6).
Also at the
Stereomax, the Zabara is located on the 16th floor of the F
Building (2180)

There are

however such the Social Work and Urban
In all, we propose to adopt, adopt, and take
aspirin, phosphoric, calcium, which boxes, and lot
Cooper's Lirar is unregulating aphaside development.
up to the information.

Leon and Tony Cooper (68th Starlet)
Liber (Silverbird in Bidding) 2180
There Avène at 119th Stræ
a
b
a
r
A
r
t
L
i
b
r
a
r
y
(6
8
th
S
t
e
e
C
m
p
u

E
a
t
6
8
th
S
t
e
e&
L
ex
i
n
in their coming and in the world.

The era is not over but
The code's a trick.
We will try the experiment.
Hello from New York City – where it's never raining, cats applaud, calves like oranges, and
ing, resemble, and activate, and give it through
If the colors are not on the specific, if they are hot.

If the colors are not on the specific, if they are hot.
f
r
e
q
u
t
e
d
r
c
o
d
s.
I
f
h
e
r
q
u
s
t
i
d
i
do
r
o
t
r
p
o
n
d
t
With this, there are no apertures to the color's FEP.
Of course, Hello, How, Hello, Come, and 1705, HAVE, 695, Park
eunewyork, ny 10065.

• the richtig questionsthemendment
and a card that they believe is in your arm.
If the cold climate does not move the red by use of test
a
and
da
vis
the
to
of
his
right
to
the
right
left
be
for
the
c
• The ring to cock is close of parts already
uses, the cold is cold at night with hot corners
of the foot and middle finger.
rest in ation:

stude

t'sname, at and ade, t
Use.

Studios

Realization
So far, "Studeant" has been a virtual reality… when
us; this is of the art or it is part of their action...
The rope

The rope
nity. "Studnts' rihts are not limited by what is senuat.
This is not.
The purpose of the text is to mislead.
I'm hoping every intelligent and empathic person
Legs.

Examples of how the words in this paper are used in context:

- Exposition is not the world's best

- Exposition
No codes
If the apples start to get too
icy cold.
on a polyclu and perspective in.

• Study timesh
ings, stats, and a design all are

and collective, to a variable of your risk and exposure.
Their view wasn't from an officers' club, but they took the offer.
Therelistsofinnovationsmeasuredforestimated
• Study the heights of the objects.
In all cases, disease progression depends on the type of disease and the state of the person. Therefore, the treatment plan must be individualized.
hereduction, because how is underline, because if her imaging
a
r
d
a
y
o
r
d
a
y
s
N
o
e
f
a
n
k
i
n
d
h
a
l
b
c
h
a
r
g
d
b
y
t
h
i
n
t
u
t
• If for instance, consider steps, examine in detail, study.
Netflix

No comments.

The above is not a true reflection of the content.
Infecting the provirus is so hot.
• Anyways.
d
m
i
s
r
a
t
i
v
o
f
f
i
a
t
o
m
p
i
n
g
o
g
w
i
h
t
h
e
p
r
i
v
s
It's all here is spot it.
In this section, the term "inside it" is highlighted.
not and reply as though it is
up why there is
This may have been in a world beyond the world.
In, to, de, end, itself.

Wea,
cordingly lanunicycle, falling in, worldly.
on.

With respect to the content of these rules and regulations for the use of this area.
THE PRESIDENT.
The president, with respect to the test, is dutiful.
Have the affectionate sympathy of c.o. all.
and choose

• Between and
dexerut
he, of ficers, emplyees and students of this institution.
the exercise of their right

No relief in sight
hello.

• Unutzerdocupaninvitesit/college
• The footprint or aggregate activity/interaction.
i

g

h

t

t

t

t
	o

d

v

c

a

t

h

i

s

p

o

i

i

o

w

i

n

h

a

v

i

n

g

t

f

e

a

b

u

s,

p

h

y

s
i, c, a, v, b, o, r, e, w, s, f, o, t, m, c, o, n, f, l, i, t, i, c, k, i, n, g
No residual activity on sulfonamide.
The unique word is prohbit.
Any student engaging in any manner in conduct prohibited under substantive Rules 1-11 shall be subject to the following range of sanctions as hereafter defined in the attached Appendix: admonition, warning, censure, disciplinary probation, restitution, suspension, expulsion, ejection and/or arrest by the civil authorities.

Any tenured or non-tenured faculty member, or other member of the instructional staff, or member of the classified staff engaging in any manner in conduct prohibited under substantive Rules 1-11 shall be subject to the following range of penalties: warning, censure, restitution, fine not exceeding those permitted by law or by the Bylaws of The City University of New York, or suspension with/without pay pending a hearing before an appropriate college authority, dismissal after a hearing, ejection and/or arrest by the civil authorities and for engaging in any

Any student, faculty member, or other member of the instructional staff, or member of the classified staff charged with engaging in any manner in conduct prohibited under substantive Rules may, in the alternative, be required to participate satisfactorily in an appropriately licensed drug treatment or rehabilitation program.
The page contains sections on rules, penalties, and procedures for addressing academic integrity violations. It outlines the process for filing formal complaints and provides contact information for the Section 504 and ADA Coordinator.
The Dean of Students has the right to pursue disciplinary sanctions against any student should the case deemed appropriate.

II. Procedure for Disciplinary Sanctions

• Students who either admit to an act of academic dishonesty or are found to have committed one by the Academic Integrity Office will receive a letter from Hunter College's Academic Integrity Office indicating the violation.

• If the student admits to academic dishonesty but believes the grade penalty is too severe, the instructor should select the appropriate option on the online Academic Integrity Form, upload supporting documentation and hand in a change of grade form changing the PEN grade to the final grade.

• If matter cannot be resolved the case may be referred to a mediator.

• The Faculty Disciplinary Committee will be notified. After which the instructor must submit a change of grade form changing the PEN grade to the final course grade until they have been notified of the committee's findings. Students may appeal the final course grade through the college's grade appeal procedure. Once the student has admitted the violation, s/he may contest only the severity of the grade sanction, not the dishonesty allegation itself. If the student appeals the grade, the evidence for each case.

• These include but are not limited to:

- Writing a paper for someone or having someone write your paper
- Taking an examination for someone or having someone take it on your behalf
- Stealing an examination from faculty or a College Office

CUNY Examples of substantial violations, if the student has prior violations oraction is towards the end of the semester AND the student contests or is unresponsive. The student may appeal the final course grade through the college's grade appeal procedure. Once the student has admitted the violation, s/he may contest only the severity of the grade sanction, not the dishonesty allegation itself. If the student appeals the grade, the evidence for each case.

ACADEMIC SANCTIONS

All questions regarding these procedures or the College's disciplinary process should be referred to the Office of Student Conduct.
Purposely sabotaging another student's work that prevents his/her completion of an assignment

The student has previously violated the policy

Any violations made by a graduate and or professional student or a student who is pursuing professional licensure

Hunter Core Requirement

Fall 2013 to Spring 2019

(Effective Fall 2013, if you are a current Hunter student who started before fall 2013, see www.hunter.cuny.edu/a
cademics/hunter-core-requirement for information concerning whether to “opt in” to the Hunter Core or continue with Hunter’s General Education Requirements - Fall 2001 to Spring 2013 - GER)

All students who matriculate at Hunter College must fulfill the Hunter Core Requirement (Hunter Core, HCR). This is a set of courses Hunter College considers essential to the intellectual development of its undergraduates. The Hunter Core requirements and expectations are meant to support the professional and personal development of Hunter students, prepare them for advanced study, and enable them to become active participants in the world of ideas.

The Hunter Core provides students with opportunities to sharpen their essential academic skills in writing, mathematics, scientific reasoning, and critical thinking. The Hunter Core also introduces students to a spectrum of distinctive perspectives with which various academic disciplines view our world, its past, and its future.

The Hunter Core is distinguished by its emphasis on foreign language study and its encouragement of concentrated student achievement in a subject outside the student’s first major. Hunter encourages all students to take an active role in planning their education, and to pursue and develop subjects of interest beyond what is required for their major.

Hunter Core

The Hunter Core includes:

• The CUNY Common Core, comprising 30 credits;
• The Hunter Focus comprising 12 credits

CUNY Common Core Requirement consists of designated courses in:

A. English Composition consists of 2 courses English Composition 1 and 2 (6 credits)
B. Math and Quantitive Reasoning MQR (3 credits) **
C. Life and Physical Sciences (3 credits) LPS **
D. Scientific World - SW (3 credits) **
E. Creative Expression (3 credits)
F. US Experience in Its Diversity (3 credits)
G. World Cultures & Global Issues (3 credits)
H. Individual & Society consists of 6 credits, one course from each of the following categories: Individual and Society (Humanities), and Individual and Society (Social Sciences)

Note

• Students may take no more than two courses from one department or program to fulfill categories A through H. See CUNY Common Core by Department
• *Students who receive an “exemption” for ENGL 12000 or for a course in English Comp 2 are deemed to have fulfilled English Composition 1 or 2, respectively.
• **There are some courses in these categories that carry more than 3 credits (the “STEM variant” courses). Students who elect to take these courses may apply only three credits towards fulfilling the CUNY Common Core Requirement.
---

A particular STEM variant course may appear in more than one area of the Common Core. When this occurs, students may choose which area
All transfer students, including CUNY transfers, must complete the Hunter Focus. The number of credits required to complete the Hunter Focus depends on a student's entry status and achievements prior to entering Hunter and ranges from 12 credits for fewer than 30 credits transferred to 9 credits for 30 or more credits transferred without an AA/AS degree. Students who have earned a baccalaureate degree from an accredited institution are exempt from the Hunter Core Requirement and need not complete Hunter Focus credits. Students in the Hunter College School of Nursing may fulfill their entire 12 credits of Hunter Focus by taking three “STEM variant” science courses in addition to the STEM courses used to fulfill the CUNY Common Core.

The Hunter Focus in Foreign Language is designed to help students attain cross-cultural and cross-linguistic fluency and thereby acquire new perspectives, and/or intellectual traditions of:

- European societies, particularly those of Africa, Asia, Latin America, or those indigenous to the Americas
- One or more of the following groups in the US: African Americans, Asian Americans, Latino Americans, and Native Americans
- Students who have attained fourth semester language proficiency should apply the foreign language requirement towards the Hunter Focus. Students who have to take a beginning language course must apply all their language credits to the Hunter Focus. Students who have fulfilled the foreign language requirement should apply Hunter Focus courses towards a minor, second major or certificate (they will not complete such a program within Concentrated Study, but take first steps). The composition of the Hunter Focus will vary depending on students' language proficiency at the time of matriculation.

The number of credit hours that must be completed in the Concentrated Study requirement depends on a student's entry status and ranges from 4 courses for students who transfer fewer than 31 credits to 1 for students who transfer 60 or more credits. Transfer students must take courses in Pluralism and Diversity according to the schedule below:

- 6 credits of Hunter Focus for students with an AA/AS degree
- 9 credits of Hunter Focus for 30 or more credits transferred without an AA/AS degree
- 12 credits of Hunter Focus for fewer than 30 credits transferred

Transfer students who first matriculate in a baccalaureate program must complete 12 credits of Hunter Focus. The student can apply any “College Option” credits completed at a CUNY college or the CUNY College Option. Students who have attained fourth semester language proficiency must apply the foreign language requirement towards the Hunter Focus. Students who have gained fourth semester language proficiency should make progress toward other areas of study outside of their major. Students who have gained foreign language competency requirement is to help students attain cross-cultural and cross-linguistic fluency and thereby acquire new perspectives, and/or intellectual traditions of:

- European societies, particularly those of Africa, Asia, Latin America, or those indigenous to the Americas
- One or more of the following groups in the US: African Americans, Asian Americans, Latino Americans, and Native Americans
- Students who have attained fourth semester language proficiency should apply the foreign language requirement towards the Hunter Focus. Students who have to take a beginning language course must apply all their language credits to the Hunter Focus. Students who have fulfilled the foreign language requirement should apply Hunter Focus courses towards a minor, second major or certificate (they will not complete such a program within Concentrated Study, but take first steps). The composition of the Hunter Focus will vary depending on students' language proficiency at the time of matriculation.

The number of credit hours that must be completed in the Concentrated Study requirement depends on a student's entry status and ranges from 4 courses for students who transfer fewer than 31 credits to 1 for students who transfer 60 or more credits. Transfer students must take courses in Pluralism and Diversity according to the schedule below:

- 6 credits of Hunter Focus for students with an AA/AS degree
- 9 credits of Hunter Focus for 30 or more credits transferred without an AA/AS degree
- 12 credits of Hunter Focus for fewer than 30 credits transferred

Transfer students who first matriculate in a baccalaureate program must complete 12 credits of Hunter Focus. The student can apply any “College Option” credits completed at a CUNY college or the CUNY College Option. Students who have attained fourth semester language proficiency must apply the foreign language requirement towards the Hunter Focus. Students who have gained fourth semester language proficiency should make progress toward other areas of study outside of their major. Students who have gained foreign language competency requirement is to help students attain cross-cultural and cross-linguistic fluency and thereby acquire new perspectives, and/or intellectual traditions of:

- European societies, particularly those of Africa, Asia, Latin America, or those indigenous to the Americas
- One or more of the following groups in the US: African Americans, Asian Americans, Latino Americans, and Native Americans
- Students who have attained fourth semester language proficiency should apply the foreign language requirement towards the Hunter Focus. Students who have to take a beginning language course must apply all their language credits to the Hunter Focus. Students who have fulfilled the foreign language requirement should apply Hunter Focus courses towards a minor, second major or certificate (they will not complete such a program within Concentrated Study, but take first steps). The composition of the Hunter Focus will vary depending on students' language proficiency at the time of matriculation.

The number of credit hours that must be completed in the Concentrated Study requirement depends on a student's entry status and ranges from 4 courses for students who transfer fewer than 31 credits to 1 for students who transfer 60 or more credits. Transfer students must take courses in Pluralism and Diversity according to the schedule below:

- 6 credits of Hunter Focus for students with an AA/AS degree
- 9 credits of Hunter Focus for 30 or more credits transferred without an AA/AS degree
- 12 credits of Hunter Focus for fewer than 30 credits transferred

Transfer students who first matriculate in a baccalaureate program must complete 12 credits of Hunter Focus. The student can apply any “College Option” credits completed at a CUNY college or the CUNY College Option. Students who have attained fourth semester language proficiency must apply the foreign language requirement towards the Hunter Focus. Students who have gained fourth semester language proficiency should make progress toward other areas of study outside of their major. Students who have gained foreign language competency requirement is to help students attain cross-cultural and cross-linguistic fluency and thereby acquire new perspectives, and/or intellectual traditions of:

- European societies, particularly those of Africa, Asia, Latin America, or those indigenous to the Americas
- One or more of the following groups in the US: African Americans, Asian Americans, Latino Americans, and Native Americans
- Students who have attained fourth semester language proficiency should apply the foreign language requirement towards the Hunter Focus. Students who have to take a beginning language course must apply all their language credits to the Hunter Focus. Students who have fulfilled the foreign language requirement should apply Hunter Focus courses towards a minor, second major or certificate (they will not complete such a program within Concentrated Study, but take first steps). The composition of the Hunter Focus will vary depending on students' language proficiency at the time of matriculation.

The number of credit hours that must be completed in the Concentrated Study requirement depends on a student's entry status and ranges from 4 courses for students who transfer fewer than 31 credits to 1 for students who transfer 60 or more credits. Transfer students must take courses in Pluralism and Diversity according to the schedule below:

- 6 credits of Hunter Focus for students with an AA/AS degree
- 9 credits of Hunter Focus for 30 or more credits transferred without an AA/AS degree
- 12 credits of Hunter Focus for fewer than 30 credits transferred

Transfer students who first matriculate in a baccalaureate program must complete 12 credits of Hunter Focus. The student can apply any “College Option” credits completed at a CUNY college or the CUNY College Option. Students who have attained fourth semester language proficiency must apply the foreign language requirement towards the Hunter Focus. Students who have gained fourth semester language proficiency should make progress toward other areas of study outside of their major. Students who have gained foreign language competency requirement is to help students attain cross-cultural and cross-linguistic fluency and thereby acquire new perspectives, and/or intellectual traditions of:

- European societies, particularly those of Africa, Asia, Latin America, or those indigenous to the Americas
- One or more of the following groups in the US: African Americans, Asian Americans, Latino Americans, and Native Americans
- Students who have attained fourth semester language proficiency should apply the foreign language requirement towards the Hunter Focus. Students who have to take a beginning language course must apply all their language credits to the Hunter Focus. Students who have fulfilled the foreign language requirement should apply Hunter Focus courses towards a minor, second major or certificate (they will not complete such a program within Concentrated Study, but take first steps). The composition of the Hunter Focus will vary depending on students' language proficiency at the time of matriculation.
hands-on with faculty, guest curators, and
degree status at a CUNY campus. Acceptable proof of immunity includes: immunization cards/records from childhood, from schools you

- disease and vaccine information signed by the student; b) record of meningococcal meningitis immunization within the past 10 years; OR c) disease at http://www.cdc.gov.

- wellness/wellness/immunization.

making up the missing coursework. These steps must be taken as soon as possible and no later than the end of the second week of the following

- patient record. (Under certain circumstances, where the student must repeat class sessions or laboratories in a course not given during the

- form and to pay any required fee by the deadline specified by the college.

until the work is completed. The written contract must accompany the change of grade form. If a student has not filed a contract with the faculty

- deals with no endorsement will be denied.

- art facility hosts jazz concerts, chamber music ensembles and film festivals and houses most of the Department of Music gradu
A 'grade' of WU is caused by student inaction. It is given by the instructor. The WU is given to students who
1. are on the class roster and have been verified by the instructor as having attended at least one class; and
2. have severed all ties with the course at any time during the semester, including failure to attend the final examination or other end-of-semester culminating academic assessment event (unless the syllabus explicitly states that the course requirements do not include participation in the final exam or other culminating academic assessment event); and
3. have not reached out to the instructor and been granted by the instructor alternative arrangements to complete work required for the course.

The assignment of the WU is not influenced by the question whether a student has done satisfactory or unsatisfactory work prior to severing ties with the course.

A 'grade' of WU is counted as a zero in the calculation of a student's GPA. Receiving a WU is likely to result in serious negative consequences for a student's financial aid award.

An F is given by the instructor for failing work by a student who has persisted in attending the class up to and including the final examination, even if the student's efforts were intermittent and/or earn 0 points on the grading scale. Unless the course syllabus explicitly states otherwise, participation in the final examination is required by the college.

An INC grade is the result of student-instructor cooperation. It is given by the instructor. The student must confer with the instructor before the grades for the semester are submitted. The INC is given only if the instructor accepts a student's excuse for non-fulfillment of some course requirements as valid and if the instructor believes the student has a reasonable chance of passing the course. For details, see: Incomplete Work in a Course.

NOTE: A grade of INC will be automatically changed to FIN one semester after the INC was given, unless the instructor has assigned and recorded a different grade before then.

GENERAL NOTE
If a student feels that a grade has been assigned in error, the student may appeal the grading decision. All grade appeals should begin with a conversation with the course instructor, preferably within the first 3 weeks of the semester following the one when the grade was given. For details, see: Appeals-Rules and Regulations-Institutional Policies.

The Instructional Computing and Information Technology Department (ICIT) provides technology resources and services for students, staff and faculty. These include open computer labs, 250 technology equipped classrooms, and a center for online learning, to support faculty in creating and teaching hybrid and online courses. Other services accessible to staff, faculty and students include training and consultation services on classroom technology, teleconferencing/videoconferencing services, telephone/voice mail assistance, networking services (on campus and off campus), software and student information services. Guidelines for access to and use of these services and facilities are posted at each facility and are subject to the rules and regulations of the college.

Hours, locations and a general description of the facilities available in each area are posted on the ICIT Web site.
Applicants are responsible for the payment of all tuition and fees at the time of registration. Hunter College does not provide financial assistance to international students; it is essential that students be prepared to make their own housing arrangements, preferably before enrollment. The Student and Exchange Visitor Program (SEVP) requires documentation of financial support before approving the issuance of a F-1 or J-1 visa or seeks to change such an immigration status upon arrival. The United States Citizenship and Immigration Services (USCIS) requires documentation of substantial home ties of the applicant before issuing a visa, if the admitted student is overseas.

For more information, contact the International Students Office, Hunter College, 695 Park Avenue, Room 1109 Hunter East, New York, NY 10065; telephone: (212) 772-4864; e-mail: intlss@hunter.cuny.edu. Policies governing the Office of Admissions and the International Students Office are based on policies and practices recommended by NAFSA, AACRAO and other educational organizations.

Admission of international students is based on two factors: meeting the academic criteria for admissions and English language proficiency. International applicants whose primary language is not English must demonstrate a firm command of the English language by scoring at least 79 on the Internet-based test (IBT) of the托福 (Toefl) examination. No provisional admission is offered whereby a student may come to the college to study and spend a semester or year learning English. Applicants are responsible for the payment of all tuition and fees at the time of registration. Hunter College does not provide financial assistance to international students; it is essential that students be prepared to make their own housing arrangements, preferably before enrollment. The Student and Exchange Visitor Program (SEVP) requires documentation of financial support before approving the issuance of a F-1 or J-1 visa or seeks to change such an immigration status upon arrival.

For more information, contact the International Students Office, Hunter College, 695 Park Avenue, Room 1109 Hunter East, New York, NY 10065; telephone: (212) 772-4864; e-mail: intlss@hunter.cuny.edu. Policies governing the Office of Admissions and the International Students Office are based on policies and practices recommended by NAFSA, AACRAO and other educational organizations.

Admission of international students is based on two factors: meeting the academic criteria for admissions and English language proficiency. International applicants whose primary language is not English must demonstrate a firm command of the English language by scoring at least 79 on the Internet-based test (IBT) of the托福 (Toefl) examination. No provisional admission is offered whereby a student may come to the college to study and spend a semester or year learning English. Applicants are responsible for the payment of all tuition and fees at the time of registration. Hunter College does not provide financial assistance to international students; it is essential that students be prepared to make their own housing arrangements, preferably before enrollment. The Student and Exchange Visitor Program (SEVP) requires documentation of financial support before approving the issuance of a F-1 or J-1 visa or seeks to change such an immigration status upon arrival.

For more information, contact the International Students Office, Hunter College, 695 Park Avenue, Room 1109 Hunter East, New York, NY 10065; telephone: (212) 772-4864; e-mail: intlss@hunter.cuny.edu. Policies governing the Office of Admissions and the International Students Office are based on policies and practices recommended by NAFSA, AACRAO and other educational organizations.
The City University of New York (“CUNY”) is committed to the academic success and personal growth of its students. As part of that commitment, CUNY and its constituent campuses are responsible for providing a safe learning and working environment. To protect the security and safety of the campus community, a college may address the student’s conduct to determine if action is warranted.

Behavior that presents a direct threat of harm to themselves or to others, or substantially disrupts the learning or working environment of others. A college’s action in such situations, the safety and security of the campus community, including the individual student, is paramount. This policy does not replace or supersede reasonable and appropriate security and health and safety measures. If the behavior that presents a direct threat of harm to themselves or to others, or substantially disrupts the learning or working environment of others.

Campus may, at its option, address the student’s conduct either in accordance with this policy, or through the student disciplinary process. If the
Preparation for Teaching French, Spanish or Italian Adolescent Education (grades 7-12)

Students pursuing adolescent education must complete the 30 or 36 credit major in one of these languages and, in addition, complete the course in second language acquisition (3 cr). The 23-credit pedagogical sequence in adolescent education will serve as the minor. See The School of Education section of the catalog for further information.

Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

• ITAL 10100 Elementary Italian I
• ITAL 10200 Elementary Italian II
• ITAL 20100 Intermediate Italian I
• ITAL 20200 Intermediate Italian II
  or
• ITAL 10300 Intensive Elementary Italian
• ITAL 20300 Intensive Intermediate Italian

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

Major: 30 credits

3 credits from
• ITAL 31100 Advanced Italian Grammar
• ITAL 31200 Advanced Italian Composition
• ITAL 33100 Italian Phonetics and Diction

9 credits from
• ITAL 34100 Introduction to Italian Literature from the Middle Ages to the 16th Century
• ITAL 34200 Introduction to Italian Literature from the 16th Century to the Present
• ITAL 34300 Dante's Vita Nuova and Inferno

3 credits from
• ITAL 34400 Dante's Purgatorio and Introduction to Paradiso
  or
• ITAL 34500 Dante's Paradiso and Major Prose Works

15 credits chosen from
• ITAL 34600 Petrarch, Boccaccio and the Literature of Humanism
• ITAL 34700 16th Century Italian Literature
• ITAL 34800 17th and 18th Century Literature
• ITAL 34900 The Modern Italian Lyric
• ITAL 35000 The Modern Italian Novel
• ITAL 35100 The Modern Italian Theatre
• ITAL 36000 The Middle Ages: Special Topics
• ITAL 36100 The Renaissance: Special Topics
• ITAL 36200 The 17th Century: Special Topics
• ITAL 36300 The 18th Century: Special Topics
• ITAL 36400 The 19th Century: Special Topics
• ITAL 36500 The 20th Century: Special Topics
• ITAL 37000 Italian Literature: Special Topics
• ITAL 37500 Seminar in Italian Literary History
• ITAL 49500 Independent Study in Italian Literature

Students planning to teach in grades 7-12 must also complete 3 credits in Second Language Acquisition:
• ITAL 39900 Second Language Acquisition

or
SED 21200 Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12
or
SED 712 (see graduate catalog)

Jewish Studies
Language Proficiency Requirement

Students must attain or work toward fourth-semester proficiency in a natural language other than English (LOTE). For students with no prior language courses, this typically consists of completing four courses or a total of 12 credits. Hunter College currently offers the following languages to meet the LOTE requirement: Arabic (ARB), Chinese (CHIN), French (FREN), German (GERMN), Ancient Greek (GRK), Hebrew (HEBR), Italian (ITAL), Japanese (JPN), Latin (LAT), Polish (POL), Portuguese (PORT), Russian (RUSS), and Spanish (SPAN).

Students who have prior language proficiency, including in languages not offered at Hunter (common examples include American Sign Language, Korean, Turkish, Urdu), may be exempted from some or all of the requirement. An exemption from the language requirement does not yield any credit unless the exemption is based on successful completion of college courses.

Exemption based on prior study

Students should present to the Admissions Office transcripts, diplomas, exam scores, and/or other evidence that they have done one of the following:

• successfully completed four years of one LOTE in high school,
• passed a language Advanced Placement Test of the College Board with a grade of 3 or higher,
• passed at least one advanced college language or literature course that has a 4th-semester level prerequisite in that language,
• graduated from a high school outside the United States in which the language of instruction was other than English, or
• completed one or more semesters of full-time study at a college or university outside of the United States in which the language of instruction was other than English, including a study abroad program.

Exemption based on proficiency exam

Students to whom the above conditions do not apply and who want to demonstrate proficiency may do so through a Hunter-approved proficiency examination. To arrange for an examination in a language taught at Hunter, contact the appropriate department office:

If the language in question is not taught at Hunter College, visit this webpage [insert link] for instructions about the process for seeking an exemption.

Latin American and Caribbean Studies

Thomas Angotti, Professor, Urban Affairs and Planning; BA Indiana State, MA, PhD Rutgers
Jillian Báez, Associate Professor, Africana and Puerto Rican/Latino Studies; BA Hunter; PhD University of Illinois at Urbana-Champaign
Latin and Classics courses

Overview

The Department of Classical and Oriental Studies offers programs in Arabic, Chinese, Classics, Hebrew, Japanese, and Russian. With over 20 full-time faculty and over 50 adjunct faculty, the department is able to offer nine BA degrees: Arabic, Chinese, Classical Archaeology, Classical Studies, Greek, Hebrew, Latin, Latin and Greek, and Russian. In addition, the department offers a three-year sequence in the Japanese language, and — in joint sponsorship with the Kosciuszko Foundation—a wide range of courses in Polish language, literature and culture. The department participates in several interdisciplinary programs, including Anthropology, Religion, Women and Gender Studies, Comparative Literature, Middle East Studies and Jewish Studies.

All the programs of the department have as their common goal the teaching of the foreign languages and literatures, traditionally viewed as one of the cornerstones of the liberal arts curriculum. This goal is met in several ways. Each of the languages helps fulfill the 12-credit (normally four-semester) foreign language requirement. The six-credit requirement in literature may be satisfied in part by a course in literature in the original language or by a course in literature in translation. Undergraduate majors are given a solid grounding in foreign languages, literature, and cultural studies in order to prepare them both for careers in which they will use these skills and for further study on the graduate level.

Programs Offered by the Department of Classical & Oriental Studies

• Arabic Language, Literature, and Culture Program
• Chinese Language and Literature Program
• The Classics Program
• Hebrew Program
• The Japanese Studies Program
• The Russian and Slavic Studies Program
What can I do with my degree in Classical and Oriental Studies?

The programs prepare students for further studies in graduate school and professional careers in international trade, education, government service, diplomacy, private business, journalism and related fields. Careers in research, government and education use skills developed in classical studies, and a major in classics provides an excellent foundation for many professional programs such as law. Majors in our programs find employment in museums, archives, U.S. governmental agencies, the United Nations, broadcasting, and other fields.

Full list of Programs and Courses

Programs and Courses in Classical & Oriental Studies

Administration and Faculty
Chair:
David Petrain
1425 West
(212) 772-5181
dp713@hunter.cuny.edu

Faculty for All Programs in Classical and Oriental Studies

Classical and Oriental Studies Faculty
ARB 10100 - Beginning Arabic I
The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination.

This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Language Proficiency Requirement
3 hrs 3 cr.

ARB 10200 - Beginning Arabic II
Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

prereq: ARB 10100 or permission of Head of Arabic Program.
3 hrs 3 cr.

ARB 14800 - Beginning Arabic for Heritage Speakers
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: perm of division head
The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic.

prereq: ARB 10200 and permission of instructor

ARB 15000 - Introduction to Modern Arab Cultures

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity

This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well as works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs
3 cr.

ARB 20000 - Topics in Arabic Literature and Culture

This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the online class schedule.

prereq: ENGL 12000 or equivalent

3 hrs
3 cr.

ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

prereq: ARB 10200 or equiv.

3 hrs
3 cr.

ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.

prereq: ARB 20100 or equiv.

3 hrs
3 cr.

ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any textbook. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: ARB 14800 or Arabic Program head's permission

3 hrs
3 cr.
The goal of this course is to teach students oral communication in spoken Arabic, as well as to impart cultural knowledge relevant to a student living in or visiting the Arab World. This course is closed to native speakers and heritage learners of Arabic. The dialect taught in this course will depend on student demand and the instructor.

prereq: ARB 20200
3 hrs 3 cr.

ARB 25000 - The Arab Novel (in translation) (W)
Hunter Core Creative Expression (CE)
Pluralism and Diversity PD/A
GER 2/C
A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

prereq: ENG 22000 or equiv.
3 hrs 3 cr.

ARB 25100 - Arab Cinema (in translation)
Hunter Core Creative Expression (CE)
Pluralism and Diversity PD/A
GER 2/D
This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

prereq: ENGL 12000 or equivalent
3 hrs 3 credits

ARB 25200 - Literatures from the Islamic World (W)
Hunter Core World Cultures and Global Issues (WCGI)
Pluralism and Diversity PD/A
GER 2/C
A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

prereq: ENGL 12000 or equivalent
3 hrs 3 credits

ARB 25300 - Literatures and Cultures of Muslim Spain (W)
A survey of the literary and cultural history of Muslim Spain, 8th-15th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and

Language and Culture in Contemporary North Africa

Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.
3 hrs
3 cr.
World Cultures and Global Issues (WCGI)

North Africa (Maghreb) is often described as a crossroads of many cultures—Arab, Berber, African, European, and others. Over the course of this semester, we will discuss important issues facing this region, including democratic reform efforts both before and following the Arab spring, Berber language movements and other language debates, colonial and post-colonial struggles, and social and cultural debates surrounding gender and religion. Through readings of key literary, historical, political, and cultural texts, as well as...
This course will give students real-world experience with Arab/Middle East-related organizations where they can apply their academic and linguistic experience, interact with and serve Arab communities, expand their professional network, and develop skills relevant to future professional jobs. This course may be taken for a maximum total of 6 credits.

prereq: Departmental permission

CHIN 10100 - Elementary Chinese I

Beginning course in Mandarin. CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs  3 cr.

offered fall

CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs  3 cr.

offered spring

CHIN 10500 - Chinese Writing System and Calligraphy I

Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.

3 hours  3 credits

offered fall

CHIN 10600 - Chinese Writing System and Calligraphy II

Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.

prereq: CHIN 10500 or equivalent

3 hours  3 credits

offered spring

CHIN 10700 - Intensive Elementary Chinese

Equivalent to material covered in CHIN 10100 and CHIN 10200.

6 hrs  6 cr.

CHIN 11100 - Chinese Culture I

Hunter Core World Culture and Global Issues (WCGI) Pluralism and Diversity PD/A GER
Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.

3 hrs
3 cr.

CHIN 11200
Chinese Culture II

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity

GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.

3 hrs
3 cr.

CHIN 20100
Intermediate Chinese I

Reading of literature in baihua (vernacular style) with emphasis on structural use of “function words” and vocabulary.

prereq:
CHIN 10200 or equiv.

3 hrs
3 cr.

CHIN 20200
Intermediate Chinese II

Continued reading of literature in baihua.

prereq:
CHIN 20100 or equiv.

3 hrs
3 cr.

offered spring

CHIN 20700
Intensive Intermediate Chinese

Equivalent to material covered in CHIN 20100 and CHIN 20200.

prereq:
CHIN 10200 or 10700

6 hrs
6 cr.

CHIN 21100
Topics in Chinese Culture

Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.

3 hrs
3 cr.

CHIN 25100
Topics in Chinese Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity

GER 2/C
Including 20th-century literature, contemporary literature.

**Prerequisites**

**ENGL 12000**

- 3 hrs
- 3 cr.

**CHIN 30100**

- Journalistic Chinese Literature I
- Intensive reading of literature and essays written in journalistic style.
- **Prerequisites:** CHIN 20200 or equiv.
- 3 hrs
- 3 cr.
- Offered fall

**CHIN 30200**

- Journalistic Chinese Literature II
- Intensive reading and translation of literature written in journalistic style.
- **Prerequisites:** CHIN 30100 or equiv.
- 3 hrs
- 3 cr.
- Offered spring

**CHIN 30300**

- Classical Chinese Literature I
- Intensive study of literature written in *wenyan* or classical style, with attention to basic structures of literary styles.
- **Prerequisites:** CHIN 20200 or equiv.
- 3 hrs
- 3 cr.
- Offered fall

**CHIN 30400**

- Classical Chinese Literature II
- Continuation of CHIN 303. Selected readings in literature written in *wenyan* or classical style.
- **Prerequisites:** CHIN 303 or equiv.
- 3 hrs
- 3 cr.
- Offered spring

**CHIN 30600**

- 20th-century Chinese Literature
- Pluralism and Diversity
- PD/A
- Selected readings of leading thinkers and writers.
- **Prerequisites:** CHIN 20200 or equiv.
- 3 hrs
- 3 cr.

**CHIN 30700**

- Classical Chinese Poetry
- Pluralism and Diversity
- PD/A
- Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
This course introduces a broad scope of language support services pertaining to the business environment, specifically, to a variety of written documents and face-to-face verbal situations that call for translation between Chinese and English—from official stationery, daily correspondences, and meetings to press releases, press conferences, advertising copies, product manuals, and trade events. Students will learn to analyze source documents in real-world indicators of the project in question: the client (commissioner of the work), targeted audience, purpose of document, and context of use; students will practice handling documents as an in-house language support staff, providing sight or summary translation, or general interpreting between Chinese and English in the context of business meetings. Through class discussions and practice, principles and approaches will emerge from a survey of key industry drivers of Chinese/English translation in real estate development, tourism, entertainment, digital gaming, and the art market.

This course provides a foundational skill-based grounding for the community interpreter who orally translates between English and Mandarin Chinese in both directions. This course will facilitate interpreting practice in a wide array of public, community, and commercial settings—from the adoption interview, real-estate closing, and arbitration proceedings to the pre-trial deposition and parent-teacher conference; the course will also emphasize sight translation, the oral translation of written texts, as a fundamental skill in the role of community interpreting in the US context addressing key sectors including healthcare, public education, social services, and the criminal justice and court system.

This course addresses the structural and cultural aspects of language use with focus on dual-language communication involving Chinese and English. Interculturally, the course will examine how dual-language speakers (and translators) negotiate and shape Chinese and English in the dynamic of time-and-place communication, including the navigation of different discourse styles, conventions governing idiom, coherence, or logic, and assumptions about gender relations, and power and status that determine who speaks when, who gets interrupted, and how rhetoric and voice are expressed in code switching and mixing between Chinese and English. In identifying rule-governed variance and strategies used to mediate differences in communication, students will also develop an articulate understanding of how the two languages function in their separate and yet intertwined evolution.
Major poets from the earliest times to the present day, with emphasis on the Tang period.

**Prerequisite:** ENGL 12000

3 hrs
3 cr.

**CHIN 39900 - Second Language Acquisition**

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.

**Prerequisite:** at least three courses at the 300 level in the language, ENGL 12000

3 hrs
3 cr.

**CHIN 40100 - Advanced Studies in Chinese Literature**

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.

**Prerequisite:** CHIN 30200 or equiv, perm chair

3 hrs
3 cr.

**CHIN 40200 - Independent Study in Chinese Literature**

Independent study and research in Chinese literature under supervision of a faculty member. For majors only.

**Prerequisite:** CHIN 40100, perm chair

3 hrs
3 cr.

**CLA 10100 - Classical Mythology**

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.

3 hrs
3 cr.

**CLA 11000 - The Greek and Latin Roots of English**

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.

prereq: ENGL 12000

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.

prereq: ENGL 12000

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.

prereq: ENGL 12000; recom: C

CLA 10100
CLA 25100 - Ancient Comedy (W) Hunter Core Individual and Society (Humanities) - I&S H Pluralism and Diversity PD/D GER 2/C Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition. prereq: ENGL 12000 3 hrs 3 cr.

CLA 25300 - Homer and Vergil (W) Hunter Core Individual and Society (Humanities) - I&S H Pluralism and Diversity PD/D GER 2/C Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil. prereq: ENGL 12000 recom: CLA 10100 3 hrs 3 cr.

CLA 25400 - The Ancient Novel in Translation (W) Pluralism and Diversity PD/D GER 3/A Greek and Roman prose fiction - Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatius' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale. prereq: ENGL 22000 or perm instr. 3 hrs 3 cr.

CLA 30200 - Comparative Backgrounds of Classical Mythology (W) Pluralism and Diversity PD/D GER 3/A Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths. prereq: ENGL 12000; CLA 10100 3 hrs 3 cr.
PLURALISM AND DIVERSITY

GER 3/A
THE ANCIENT GREEK RELIGIOUS EXPERIENCE: OFFICIAL RITES, MYSTERY CULTS, ORACLES, PERSONAL RELIGIOUS BELIEF, AND PRACTICE.

PREREQ: ENGL 12000, CLA 10100 OR 20100
3 HRS 3 CR.

GER 3/A
TRANSFORMATION OF CLASSICAL CULTURE IN LATE ANTIQUITY: RELIGION, PHILOSOPHY, MYSTICISM, MAGIC, ASTROLOGY.

PREREQ: ENGL 12000; CLA 20100 OR 20300
3 HRS 3 CR.

PD/C OR D
WOMEN AND SLAVES IN CLASSICAL ANTIQUITY
WOMEN AND SLAVES IN GREEK AND ROMAN SOCIETY AND THEIR INFLUENCE ON WESTERN ATTITUDES ABOUT SEX AND CLASS.

CROSS-LISTED WGSC 30500 (W)

PREREQ: ENGL 12000; CLA 20100 OR 20300
3 HRS 3 CR.

CLA 30600
SPECIAL STUDIES IN ANCIENT GREEK CULTURE
EXAMINATION OF SPECIFIC AREAS OF GREEK LIFE. TOPICS VARY FROM YEAR TO YEAR.

PREREQ: ENGL 12000
3 HRS 3 CR.

CLA 30700
SPECIAL STUDIES IN ANCIENT ROMAN CULTURE
EXAMINATION OF SPECIFIC AREAS OF ROMAN LIFE. TOPICS VARY FROM YEAR TO YEAR.

PREREQ: ENGL 12000
3 HRS 3 CR.

CLA 30800
MAGIC AND SCIENCE IN THE ANCIENT WORLD

(W)
The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.

prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLA 31000
Ancient Sports and Spectacles (W)
Pluralism and Diversity PD/D
GER 3/A
An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.

CLA 42100
Independent Study in Classics
Open to majors only.
prereq: ENGL 12000, perm dept.
1-3 cr.
3 hrs
3 cr.

CLA 49100
Honors in Classics
Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.
prereq: ENGL 12000, perm dept.
3 hrs
3 cr.

CLA 49800
Internship
prereq: ENGL 12000, perm dept.
1-6 cr.

CLARC 20200
Hellenistic Civilization (W)
Pluralism and Diversity PD/D
GER 3/A
The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
prereq: ENGL 12000; CLA 20100 or CLARC 20400
3 hrs
3 cr.
Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

prereq: ENGL 12000
3 hrs
3 cr.

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.

prereq: ENGL 12000; CLARC 20400
3 hrs
3 cr.

Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.

prereq: ENGL 12000; CLARC 20300 or CLARC 20400
3 hrs
3 cr.

fall only
The Mediterranean world under the Roman Empire: capital city of Rome and the provinces; architecture, painting, sculpture, Pompeii and daily life.

prereq: ENGL 12000; CLARC 20300 or CLARC 20400

3 hrs, 3 cr.

CLARC 23000 - Field Seminar in Archaeology
Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.
Open only to majors who have completed ENGL 12000 and CLARC 20400.

prereq: ENGL 12000, CLARC 20400. Open to majors only; with permission of dept.
1-6 hrs, 1-6 cr.

CLARC 32100 - Archaeology of Egypt (W)
Pluralism and Diversity
PD/A
GER
3/A
Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.

prereq: ENGL 12000, CLARC 20400

3 hrs, 3 cr.

CLARC 32200 - Archaeology of Mesopotamia and Iran (W)
Pluralism and Diversity
PD/A
GER
3/A
Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

prereq: ENGL 12000, CLARC 20400

3 hrs, 3 cr.

CLARC 32300 - Archaeology of Anatolia (W)
Pluralism and Diversity
PD/A
GER
3/A
Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

prereq: ENGL 12000, CLARC 20400

3 hrs, 3 cr.
CLARC 32400 - Archaeology of Western Mediterranean
Ancient Sicily, Sardinia, Malta, Spain, and Italy, chiefly in Bronze Age. Main sites and cultures.
prereq: ENGL 12000, CLARC 20400
3 hrs 3 cr.

CLARC 32500 - Archaeology of Eastern Mediterranean (W)
Pluralism and Diversity
The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.
prereq: ENGL 12000, CLARC 20400
3 hrs 3 cr.

CLARC 32600 - Hellenistic Archaeology (W)
The Mediterranean world from Alexander the Great through the rise of Rome; trends in architecture, sculpture, painting, mosaics and city planning, reflecting the period's history and philosophies (ca. 350 – 31 BCE). Focuses on the sites of Alexandria, Pergamon, Delos, Athens, Rome.
prereq: ENGL 12000 and CLARC 20400
3 hrs 3 cr.

CLARC 32800 - Theory and Methods in Classical Archaeology (W)
Archaeology as a comprehensive discipline of historical inquiry through analysis of material culture, as studied in the Mediterranean basin and the Ancient Near East. This course includes fieldwork strategies, survey, stratigraphic excavation, ceramic and numismatic analysis, artifact and data processing and documentation, management and protection of cultural heritage.
prereq: ENGL 12000 and CLARC 20400
3 hrs 3 cr.

CLARC 32900 - Problems in Archaeology
Exploration in depth of particular area or period in Old World archaeology. Topics vary.
prereq: ENGL 12000; CLARC 20400 and one other CLARC course
3 hrs 3 cr.

GRK 10100 - Beginning Ancient Greek 1
Elementary course in grammar, syntax and morphology of Ancient Greek.
For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.
3 hrs
GRK 10200 - Beginning Ancient Greek 2
Elementary course in grammar, syntax and morphology of Ancient Greek.
prereq: GRK 10100
3 hrs
3 cr.
offered fall

GRK 10700 - Beginning Greek, Intensive
6 hrs
6 cr.
offered summer

GRK 20200 - Plato
prereq: GRK 11000 or equiv.
3 hrs
3 cr.
fall

GRK 21100 - Ancient Greek Reading: Prose
Intermediate - level course in reading Greek prose. Offered in the fall.
prereq: GRK 10200
3 hrs
3 cr.
offered fall

GRK 21200 - Ancient Greek Reading: Poetry
Intermediate - level course in reading Greek poetry, usually Homer. Offered in the spring.
prereq: GRK 21100
3 hrs
3 cr.
spring

GRK 30100 - Plato II
GRK 20200 or equiv.

GRK 30200 - Euripides

GRK 30300 - Greek Lyric Poetry

GRK 30400 - Aristophanes and Menander

GRK 30500 - Attic Orators

GRK 30700 - Sophocles

GRK 30800 - Aeschylus

GRK 30900 - Herodotus

GRK 31000 - Thucydides
prereq: GRK 20200 or equiv.
3 hrs 3 cr.
GRK 32000 - Topics in Greek Literature
Advanced level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.

prereq: GRK 20200 or equivalent
3 hrs 3 cr.
GRK 42100 - Independent Study in Greek Literature
Advanced level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.

prereq: GRK 20200 and Department Permission
3 hrs 3 cr.
HEBR 10100 - Elementary Hebrew I
Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing. HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs 3 cr.
HEBR 10200 - Elementary Hebrew II
Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.
3 hrs 3 cr.
HEBR 10300 - Intensive Elementary Hebrew
Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.
6 hrs 6 cr.
HEBR 10400 - Elementary Hebrew for Heritage Speakers
Elementary Hebrew for students who possess some familiarity with the language but who lack systematic background in grammar and/or one or more basic skills. Equivalent of HEBR 10100 - HEBR 10200 or HEBR 10300
prereq: Permission of Hebrew Program required.
3 hrs 3 cr.
HEBR 10500 - Elementary Biblical Hebrew I
Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.

Not credited without HEBR 10600
3 hours
3 credits

HEBR 10600 - Elementary Biblical Hebrew II
The second in a series of 4 introductory courses in Biblical Hebrew. 
prereq: HEBR 105 or equivalent.
3 hours
3 credits

HEBR 20100 - Intermediate Hebrew I
Continued practice in conversational Hebrew, grammar and composition. 
prereq: HEBR 10200 or equiv.
3 hrs
3 cr.

HEBR 20200 - Intermediate Hebrew II
Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature. 
prereq: HEBR 20100 or equiv.
3 hrs
3 cr.

HEBR 20300 - Intensive Intermediate Hebrew
Second Year Hebrew in a single course; equivalent to HEBR 20100 - HEBR 20200. Instruction and practice in reading, writing, and written and oral comprehension. Students may not receive credit for 20300 if they have credit for 20100 and/or 20200. 
prereq: HEBR 10200 or HEBR 10300
6 hrs
6 cr.

HEBR 20400 - Intermediate Hebrew For Heritage Speakers
Intermediate Hebrew for students who entered the language sequence with some familiarity with the language while lacking systematic background in grammar and/or one or more basic skills. Intended for students who have completed HEBR 10400. Equivalent of HEBR 20100 - HEBR 20200. 
3 hrs
3 cr.

HEBR 20500 - Intermediate Biblical Hebrew I
This is the 3rd semester of a 4-semester series of Biblical Hebrew courses. 
prereq: Biblical Hebrew 10600 or equivalent.
3 hours
3 credits

HEBR 20600 - Intermediate Biblical Hebrew II
This is the 4th semester of the 4-semester Biblical Hebrew series.

Prereq: HEBR 20500 or equivalent.

3 hours

HEBR 21000 - Selected Studies in Hebrew Literature in Translation

Pluralism and Diversity PD/C (HEBR 21060 only)

Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 hrs

3 cr.

HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

Hunter Core Individual and Society (Humanities) - I&S H

Pluralism and Diversity PD/D GER 2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

3 hrs

3 cr.

HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

GER 2/C

Survey of Hebraic literature from Enlightenment movement to present.

3 hrs

3 cr

HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity PD/D

GER 3/A

Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.

3 hrs

3 cr

HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity PD/A

GER
A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.

**Prerequisites:**
- ENGL 12000
- HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

**PD/D GER**

**HEBR 22000 - Israeli Cinema**

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.

**Prerequisites:**
- ENGL 22000

**PD/A GER**

This course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.

**HEBR 22100 - Modern Israeli Culture**

A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.

**Prerequisites:**
- ENGL 12000

**Hunter Core World Culture and Global Issues (WCGI)**

**HEBR 22200 - Introduction to Jewish Texts and Writing**

A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.

**Prerequisites or Corequisites:**
- ENGL 120
HEBR 22300 - Introduction to Talmudic Literature in Translation

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A

Survey of the structure, content, and formation of the Talmudic corpus and the history of its interpretation and application. All texts studied in English translation. Counts toward Hebrew major and Hebraic Studies Minor.

prereq: ENGL 12000

3 hrs. 3 cr.

HEBR 24000 - Introduction to the Old Testament

Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.

3 hrs. 3 cr.

HEBR 25000 - Topics in Hebraic Studies

Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 hrs. 3 cr.

HEBR 25900 - Old Testament Religion

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

3 hrs. 3 cr.
HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)
Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.
3 hrs 3 cr

HEBR 28400 - Images of Women in the Old Testament, in Translation
Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.
3 hrs 3 cr

HEBR 28600 - Ancient Near Eastern Literature and the Bible
Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs 3 cr

HEBR 28800 - Ancient Hebraic Folklore
Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apophthegm literature and rabbinic Aggada.
3 hrs 3 cr

HEBR 29000 - Biblical Archaeology
Hunter Core, Flexible Core: World Culture and Global Issues
Comparative study of ancient Near Eastern literature and the Hebrew Bible.
3 hrs 3 cr
Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

3 hrs
3 cr
HEBR 29200

The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.

3 hrs
3 cr
HEBR 29400

Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of form, content and religious significance of these two enigmatic masterworks.

3 hrs
3 cr
HEBR 29500

Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER

Historical and comparative study of Biblical and rabbinic law.

3 hrs
3 cr
HEBR 29600

The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.

3 hrs
3 cr
HEBR 31000 - Modern Hebrew Literature I

Pluralism and Diversity

PD/D GER

3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors. prerequisite: HEBR 20200 or equiv. 3 hrs 3 cr.

HEBR 31100 - Modern Hebrew Literature II

Reading and discussion of selected works in prose and poetry of 20th-century authors. prerequisite: HEBR 20200 or equiv. 3 hrs 3 cr.

HEBR 31500 - Biblical Literature: Pentateuch

Pluralism and Diversity

PD/A GER

3/A

Selections from Pentateuch. prerequisite: HEBR 20200 or equiv. 3 hrs 3 cr.

HEBR 31600 - Biblical Literature: Historical Books

Pluralism and Diversity

PD/A

3/A

Selections from books of Joshua, Judges, Samuel and Kings. prerequisite: HEBR 20200 or equiv. 3 hrs 3 cr.

HEBR 31700 - Biblical Literature: Prophetic Books

Pluralism and Diversity

PD/A

3/A

Selections from books of Isaiah, Jeremiah, Ezekiel, and the Minor Prophets. prerequisite: HEBR 20200 or equiv. 3 hrs 3 cr.
Selections from minor and major prophets.
  
  **Prereq:** HEBR 202 or equiv.
  
  3 hrs  
  3 cr

HEBR 31800 - Biblical Literature: Hagiographa

Pluralism and Diversity

GER

3/A

Selections from Job, Proverbs, Psalms and the five Megillot.
  
  **Prereq:** HEBR 202 or equiv.
  
  3 hrs  
  3 cr

HEBR 32000 - The Modern Hebrew Short Story

Pluralism and Diversity

PD/D

GER

3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends.
  
  **Prereq:** HEBR 202 or equiv.
  
  3 hrs  
  3 cr

HEBR 32200 - Medieval Literature

Pluralism and Diversity

PD/D

GER

3/A

Selections from literature of Golden Age in Spain.
  
  **Prereq:** HEBR 202 or equiv.
  
  3 hrs  
  3 cr

HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period

Pluralism and Diversity

PD/D

GER

3/A

Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
  
  **Prereq:** HEBR 202 or equiv.
  
  3 hrs  
  3 cr
HEBR 32400 - The Modern Hebrew Essay

PD/D GER 3/A

Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr

HEBR 32500 - History of Modern Hebrew Literature

GER 3/A

Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr

HEBR 32600 - Hebrew Poetry Between the Two World Wars

GER 3/A

Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr

HEBR 32700 - The Modern Hebrew Novel

GER 3/A

Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr

HEBR 32800 - Contemporary Hebrew Prose

GER 3/A


prereq: HEBR 20200 or equiv.

3 hrs

3 cr
HEBR 33100 - Medieval Hebrew Philosophic Texts
Study of selected chapters of Halevi's Kuzari and Maimonide's Moreh Nebukim (Guide to the Perplexed).
prereq: HEBR 20200 or equiv.
3 hrs 3 cr

HEBR 35100 - Hebrew Grammar and Composition
Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in composition.
prereq: HEBR 20200 or equiv.
3 hrs 3 cr

HEBR 35700 - Approaches to Main Problems in Hebraic Studies
Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester.
There are "unlimited" repeats for this course.
prereq: HEBR 20200 or equiv.
3 hrs 3 cr

HEBR 37100 - Hebrew Conversation I
Conversation course designed to improve oral proficiency and enable students to hold their own in advanced courses in Hebrew literature.
prereq: HEBR 20100 or 3 years of high school Hebrew or equivalent; intensive practice in spoken language
3 hrs 3 credits

HEBR 37200 - Hebrew Conversation II
Conversation course designed to improve oral proficiency and enable students to hold their own in advanced courses in Hebrew literature.
prereq: HEBR 20100 or 3 years of high school Hebrew; intensive practice in spoken language
3 hrs 3 credits

HEBR 39900 - Second Language Acquisition
A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs 3 cr

HEBR 45100 - Selected Studies in Hebrew Literature
Pluralism and Diversity

PD/D Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.

There are unlimited repeats for this course.

prereq: HEBR 20200 or equiv, perm division

3 hrs 3 cr

HEBR 49000 - Independent Studies

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester.

There are “unlimited” repeats for this course.

prereq: permission of division head

hrs TBA 3 cr

HEBR 49100 - Honors Project

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.

There are “unlimited” repeats for this course.

prereq: Jr/Sr only; perm division

1 sem 3 cr.

JPN 10100 - Elementary Japanese I


JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs 3 cr.

JPN 10200 - Elementary Japanese II

Continuation of 10100.

prereq: JPN 10100 or equiv.

3 hrs 3 cr.

JPN 20100 - Intermediate Japanese I

Continuation of JPN 10100 - 10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.

prereq: JPN 10200 or equiv.

3 hrs 3 cr.

JPN 20200 - Intermediate Japanese II

Continuation of JPN 20100.

prereq: JPN 20100 or equiv.
Building on the foundational knowledge of the grammar and writing taught in JPN 10100 and 10200, this course will help students develop their four language skills in more depth, through areas such as Japanese conversation and Japanese pronunciation (speaking), Chinese Characters (reading and writing), Composition (Writing) and media (listening).

prereq or coreq: JPN 10200

JPN 25100 - Japanese Culture Before 1600

This course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries—most notably China—to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the co-existence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in

JPN 25200 - Japanese Culture Since 1600

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures—that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the
Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the economic, political, and social conditions that shaped them.

Prereq or coreq: ENGL 12000

3 hrs

3 cr.

JPN 27100 - Japanese Reading: Recitation and Comprehension

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.

Prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor

3 hrs

3 cr.

JPN 30100 - Advanced Japanese I

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.

Prereq: JPN 20200 or equiv.

3 hrs

3 cr.

JPN 30200 - Advanced Japanese II

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.

Prereq: JPN 30100 or equiv.

3 hrs

3 cr.

JPN 30300 - Special Topics in Japanese Culture

An in-depth examination of the key figures, social circumstances, politics, and various artistic forms that are integral to understanding Japan's traditions and culture.

Prereq: ENGL 12000 and one 200 or 300 level JPN course

3 hrs

3 cr.

JPN 30400 - Special Topics in Traditional Japanese Culture

An in-depth examination of the key figures, social circumstances, politics, and various artistic forms that are integral to understanding Japan's traditions and culture.

Prereq: ENGL 12000 and one 200 or 300 level JPN course

3 hrs

3 cr.

JPN 30400 - Special Topics in Japanese Language

Building on the foundational knowledge of grammar and writing taught in Japanese 10100-20200, this course will teach students ways to apply that knowledge to different areas including Japanese business, literature, news, and media. A primary aim of this course is to help students integrate and apply previous knowledge in real world contexts.

Prereq: JPN 20200
This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered.

prereq:
JPN 20200 (intermediate Japanese II) or perm instructor

JPN 40300
Special Topics In Contemporary Japanese Culture
An in-depth examination of Japanese culture from 1900 to the present. Utilizing Japanese cultural theory, plays, manga, film, and performance writing, this course will examine the relationship of contemporary Japanese culture to shifts in the arenas of arts, society, economy, and politics.

prereq:
ENGL 12000 and one 200- or 300-level JPN course

JPN 40400
Advanced Special Topics in Japanese Language
This course offers an in-depth examination and analysis of the Japanese language through topics such as linguistics, translation, and pedagogy. All of the topics offered in this course are aimed to equip students with practical tools to understand and analyze various topics related to the Japanese language with the aim of use after graduation for employment, graduate studies, and/or study abroad.

prereq or coreq:
Any JPN 300 level class

JPN 42100
Independent Study in Japanese
This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq:
Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.

JPN 42101
Independent Study in Japanese
This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq:
Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.

JPN 42102
Independent Study in Japanese
This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq:
Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.

JPN 42103
Independent Study in Japanese
This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.

LAT 10100 - Beginning Latin 1
3 hrs
3 cr.
offered fall

LAT 10200 - Beginning Latin 2
3 hrs
3 cr.
offered spring

LAT 10700 - Beginning Latin, Intensive
6 hrs
6 cr.
usually offered spring and summer

LAT 20100 - Ovid's Metamorphoses
prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20200 - Roman Biography
prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20300 - Vergil's Aeneid
prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20400 - Cicero's De Senectute
prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 21100 - Latin Reading: Prose
Intermediate-level course in reading Latin prose. Offered in the Fall.

prereq: LAT 10200 or LAT 10700
3 hrs
3 cr.
offered fall

LAT 21100 - Latin Reading: Prose
Intermediate-level course in reading Latin prose.

prereq: LAT 10200 or LAT 10700
3 hrs
3 cr.
offered fall

LAT 21200 - Latin Reading: Poetry
Intermediate-level course in reading Latin poetry, usually Virgil or Ovid, in alternating semesters. Offered in the Spring. may be taken twice for credit toward the degree if different authors are read and only with departmental permission. Students who have taken LAT 20100 or LAT 20300 must receive departmental permission to take this course.

prereq: LAT 21100; Not open to students who have taken LAT 20100 or LAT 20300.
3 hrs
3 cr.

LAT 22000 - Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr.
offered summer

LAT 30200 - Roman Letter
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30300 - Roman Comedy
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30400 - Roman Satire
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30500 - Vergil's Eclogues and Georgics
prereq: LAT 20100 or equiv.
3 hrs
3 cr.
LAT 31400 - Tacitus
prereq: LAT 20100 or equiv.
3 hrs
3 cr.
LAT 32000 - Topics in Latin Literature

Advanced - level reading in Latin of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.

prereq: LAT 20100 or 20200 or 20300 or equivalent
3 hrs
3 cr.
LAT 42100 - Independent Study in Latin Literature

Advanced - level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.

prereq: LAT 20100 or equiv. and Department Permission
3 hrs
3 cr.

POL 10100 - Elementary Polish

2 sems, 6 hrs
6 cr.

POL 10200 - Elementary Polish

2 sems, 6 hrs
6 cr.

POL 20100 - Intermediate Polish I

prereq: POL 10200
3 hrs
3 cr.

POL 20200 - Intermediate Polish II

prereq: POL 20100
3 hrs
3 cr.

POL 25000 - Topics in Polish Literature
b. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 10300. For details about credit
Major cultural movements of the Empire baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.

Cross-listed

WGSC 15600

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15700 - The Age of the Great Masters
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER 2/C
Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15800 - Contemporary Russian Culture
Hunter Core
Individual & Society (I&S) Humanities
GER 2/C
Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 20100 - Intermediate Russian I
Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.
prereq: RUSS 10200 or 10300
3 hrs
3 cr.

RUSS 20200 - Intermediate Russian II
Selected readings in Russian literature. Practice in oral and written expression.
prereq: RUSS 20100
3 hrs
3 cr.

RUSS 20300 - Intermediate Russian for Heritage Speakers (Intensive)
Intensive study of the Russian language for heritage students who seek to improve literacy in the language. Not open to students who have taken RUSS 20100 RUSS 20200 sequence. Two semesters in one.
RUSS 10300 or instructor's permission.
6 hrs
6 cr.

RUSS 21500 - Translating Culture: Introduction to Theory and Practice of Translation
Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in 20th century. Designed for students interested in translation in any language.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 24500 - Russian Folklore: Slavic Myths and Traditions
Common Slavic myths, traditions and social structures.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 24600 - Special Topics in Slavic Literature and Cultures
Sample topic: fairy tales, satire.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 25000 - 19th Century Russian Literature in English Translation (W)
Hunter Core
Individual and Society (I&S) Social Sciences
Pluralism and Diversity
PD/D
GER 2/C
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Father and Sons and others.
prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25100 - Tolstoy and Dostoevsky in English Translation (W)
Hunter Core
Individual and Society Humanities (I&S) H
Pluralism and Diversity
PD/D
GER 3/A
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.
prereq: ENGL 12000
RUSS 25200 - Modern Russian Literature in English Translation (W)
Hunter Core
Individual and Society (I&S) Social Science
Pluralism and Diversity
PD/D
GER
2/C
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq:
ENGL 12000
3 hrs
3 cr.

RUSS 25300 - Russian Theater in English Translation (W)
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/C
Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.
prereq:
ENGL 12000
3 hrs
3 cr.

RUSS 25400 - The Silver Age of Russian Literature in English Translation (W)
Hunter Core
Individual and Society (Humanities)
- I&S H
Pluralism and Diversity
PD/D
GER
2/C
Major writers and movements of the years 1890 - 1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq:
ENGL 12000
3 hrs
3 cr.

RUSS 25500 - Russian Folklore, in Translation (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
Common Slavic myths and traditions.

prereq:

ENGL 12000

3 hrs

3 cr.

RUSS 25600 - Special Topics in Slavic Literatures and Cultures in English Translation

Translation Pluralism and Diversity PD/D Examples: Writers Behind Bars, Narratives of Adultery

prereq:

ENGL 12000

3 hrs

3 cr.

RUSS 25700 - Masterpieces of Russian Literature in English Translation

Examples: Chekhov's short stories or plays, Nabokov.

prereq:

ENGL 12000

1 hr

1 cr.

RUSS 25800 - Masterpieces of Russian Literature in English Translation

Example: Pasternak's Dr. Zhivago.

prereq:

ENGL 12000

1 hr

1 cr.

RUSS 25900 - Masterpieces of Russian Literature in English Translation

Examples: Solzhenitsyn's Gulag, Pushkin stories, Gogol stories.

prereq:

ENGL 12000

1 hr

1 cr.

RUSS 26000 - Russian Women Writers in English Translation (W)

Hunter Core I&S H PD/C GER 3/A


cross-listed WGSA 26000 (W)

prereq:

ENGL 12000

3 hrs

3 cr.
exploration of how Russian cinema affects the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists. 3 hrs 3 cr.

East European Cinema (W)

Pluralism and Diversity

PD/D

The ways in which East European filmmakers have used the medium of cinema to explore history, culture, politics, and social issues prevalent in their respective societies, starting with the immediate post-World War II period and covering both the Communist era and post-Communist period. By the end of the course students will have acquired critical tools to provide an informed verbal and written analysis of the films and discuss how various aesthetic and ideological approaches to filmmaking inform the cinema practice over time. The course will combine screening of East European films and class discussion of issues raised in these films. All students are expected to complete the assigned readings of chapters in history books and other material prior to each class and print out questionnaires for class discussions posted on the course blackboard after the film screenings. Informed class participation is strongly encouraged and will positively affect your final term grade.

prereq: ENGL 12000. The exams in this course consist of essay writing. 3 hrs. 3 cr.

Folklore in Translation: A Comparative Study

Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/A

Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in juxtaposition to Russian folklore. 3 hrs 3 cr.

Folklore and Literature (W)

Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

GER

Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.

prereq: ENGL 12000 3 hrs 3 cr.

The Vampire in Lore and Literature (W)

Hunter Core

Creative Expression (CE)

GER
Comparative study of the vampire in various folk and literary traditions from ancient Greece to the 21st century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Easter and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K. Tolstoi, Anne Rice, and others. The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to...
Conversation and oral exercises; discussions based on readings of social and cultural interest. Introduction to oral interpreting.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 31300 - Advanced Russian Conversation II
Literary, political, social, scientific vocabulary. Scholarly reports and practical exchanges on selected topics.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 31400 - Reading Russian I
Reading and critical analysis of selected literary and journalistic texts from various disciplines. Grammar review through reading.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 31500 - Reading Russian II
In-depth study of syntax and idiomatic language to improve reading competency.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 31700 - Practical Aspects of Translation
Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 31800 - Advanced Translation
Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation.

prereq: ENGL 12000, RUSS 31700 or equiv; RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 31900 - Business Russian
Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian.

prereq: RUSS 20200 or equiv.
3 hrs
3 cr.
An overview of translation for the medical field and related sciences. The course introduces the students to key terminology, skills, as well as ethics of work in this field.

- RUSS 31700 - Russian Short Story and Novella
  - Prereq: RUSS 31700
  - 3 hrs
  - 3 cr.

- RUSS 32100 - Classical Russian Poetry
  - Prereq: RUSS 20200 or equiv.
  - 3 hrs
  - 3 cr.

- RUSS 32200 - Modern Russian Poetry
  - Prereq: RUSS 20200 or equiv.
  - 3 hrs
  - 3 cr.

- RUSS 32300 - Literature of Kievan Rus' and Early Russian Literature through the Age of Classicism
  - Prereq: RUSS 20200 or equiv.
  - 3 hrs
  - 3 cr.
RUSS 34000 - 19th Century Russian Literature
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34100 - Tolstoy and Dostoevsky
Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Anna Karenina, Dostoevsky's The Brothers Karamazov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34200 - Modern Russian Literature
Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34300 - Russian Theater
Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34400 - The Silver Age of Russian Literature
Pluralism and Diversity
GER

Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.

prereq: RUSS 20200 or equiv. 3 hrs 3 cr.

RUSS 36000 - Russian Women Writers

Pluralism and Diversity PD/C GER 3/A Studies the contributions of Russian women writers to Russian literature of the 19th and 20th centuries: A. Akhmatova, M. Tsvetaeva, A. Kollontai, N. Mandel'shtam, E. Ginsburg, L. Petrushevskaia and others. Readings and some writing in Russian. cross-listed WGSA 36100

prereq: RUSS 20200 or equiv. 3 hrs 3 cr.

RUSS 37000 - Independent Study in Slavic Literatures and Cultures

prereq: ENGL 120 3 hrs 3 cr.

RUSS 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grad 7-12.

prereq: at least three courses at the 300 level in the language, ENGL 120 3 hrs 3 cr.

RUSS 49100 - Honors Project

Open to Russian majors only. Essay.

prereq: RUSS 20200 or equiv. 3 hrs 3 cr.

RUSS 49800 - Internship in Russian and Slavic Studies

Students who enroll in the course can work in corporations, government agencies and non-profit organizations. In addition to gaining work-related skills, students develop contacts for future employment and acquire job-related experience. No more than 6 total internship credits can be taken. 3 credits count toward Russian major or minor.

prereq: Russian 20200 or an equivalent, or by permission of the head of the program; ENGL 12000 3 cr.

UKR 30000 - Independent Study in Ukrainian Language and Literature

3 hrs 3 cr.
First-year students entering in the fall semester begin their college careers by enrolling in a cluster of courses called a Learning Community. Each Learning Community consists of four or five introductory-level courses designed to introduce students to areas of study or majors offered at the college. By enrolling in and completing these courses, first-year students begin to explore potential areas of study as well as completing some of the Hunter Core courses needed to fulfill degree requirements for graduation. Additionally, since small groups of students are enrolled in many of the same course sections, these Learning Communities are designed to bring students together and make connections with peers who share their learning experiences and academic interests.

Participation in a Learning Community does not limit a student's future area of study and can be tailored to fit a student's educational history.

Liberal Arts and Sciences Test (LAST)

Students should register to take the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examinations during their junior year. Students will not be allowed to enroll in student teaching until their scores on the LAST have been received by the School of Education. Students who do not pass the LAST at least partly because of low scores on subtest 4 and/or 5 must enroll in a college writing course before being allowed to register for any additional courses.

Licensing and Accreditation

Hunter-Bellevue Baccalaureate graduates are prepared to practice as generalist nurses in health care settings. Graduates from the Generic and Accelerated 2nd Degree Programs are eligible to take the National Council Licensing Examination for Registered Nurses (NCLEX-RN). The program also provides a foundation for graduate study which also is offered at the School of Nursing. Graduates of the advanced practice nursing programs are eligible to take the certification examinations for nurse practitioners and clinical nurse specialists.

Macaulay Honors College at Hunter College

Graduating high school seniors and others who have not yet attended college may apply to the Macaulay Honors College at Hunter College. The mission of this highly competitive program is to inspire and prepare outstanding leaders to confront and solve the social, economic, cultural, and scientific challenges of New York City and the world. Accepted students take a series of interdisciplinary seminars focused on New York City, and work closely with Honors Advisors in order to learn about and access the diverse resources of CUNY. Generous financial support is provided, allowing students to concentrate on their studies and carefully selected co-curricular activities. For further information, call the Macaulay Honors College office at (212) 650-3556 or see the website: http://www.hunter.cuny.edu/honorscollege.

Manhattan/Hunter College Science High School

The Manhattan/Hunter Science High School, located on Amsterdam Avenue at 66th Street, provides instruction for grades 9 through 12. This science high school is grounded in the belief that individuals are better prepared to face life's challenges when given the proper tools. Science offers the lens through which we may see, explore and meet the future. The New York City Department of Education and Hunter College have joined to create a school that provides an enriched, comprehensive college preparatory curriculum with a focus on science and the integration of science and the scientific method into all subject areas.
Ara Basmajian, Professor, Mathematics and Statistics; BA Queens, MA, PhD SUNY (Stony Brook)

Martin Bendersky, Professor, Mathematics and Statistics; BA City College, PhD California (Berkeley)

Patrick Burke, Doctoral Lecturer, Mathematics and Statistics; BS Duquesne, MA Pittsburgh, PhD Columbia

Barry Cherkas, Professor and Chair, Mathematics and Statistics; BS Worcester Polytech., MA, PhD Georgetown

Daniel S. Chess, Associate Professor, Mathematics and Statistics; AB Harvard, PhD Princeton

Richard Churchill, Professor, Mathematics and Statistics; BA George Washington, MS, MA, PhD Wisconsin (Madison)

Sandra Clarkson, Professor, Mathematics and Statistics; BS North Georgia, MEd, EdD Georgia

Lucille Croom, Professor, Mathematics and Statistics; BA Talladega, MA Michigan (Ann Arbor), PhD Columbia

Scott Gentile, Lecturer, Mathematics and Statistics; BA, MA Boston College

Olympia Hadjiliadis, Professor, Mathematics and Statistics; BSc Toronto, MMath Waterloo, MPhil, PhD Columbia

Ilya Kapovich, Professor, Mathematics and Statistics; B.Sc. Novosibirsk State University (Russia), PhD CUNY

Olga Kharlampovich, Professor, Mathematics and Statistics; Dr.Sc. Steklov Institute, PhD Leningrad

Tatyana Khodorovskiy, Doctoral Lecturer, Mathematics and Statistics, BA, NYU, PhD, Harvard

John Loustau, Professor, Mathematics and Statistics; BA Oregon State, PhD California (Santa Barbara)

Vincent Martinez, Assistant Professor, Mathematics and Statistics; BA College of New Jersey, Indiana University PhD, Applied Mathematics

Chun Pan, Assistant Professor, Mathematics and Statistics, BS, MS, Nanjing University (China), MS, PhD, University of South Carolina, Statistics and Biostatistics

Michael Samra, Lecturer, Mathematics and Statistics; MPhil CU NY

Verna Segarra, Lecturer, Mathematics and Statistics; BS, MA City College

Lev Shneerson, Professor, Mathematics and Statistics; MS Ivanovo Pedagogical Inst., PhD Ural State (USSR)

Dana Sylvan, Professor, Mathematics and Statistics; BS, MS, Bucharest (Romania), PhD Fed. Inst. of Technology (Switzerland)

Robert D. Thompson, Professor, Mathematics and Statistics; BA California (Santa Cruz), PhD Washington

William Williams, Professor, Mathematics and Statistics; BA McMasters, MS, PhD Iowa State
Mathematics Concentration in Preparation for Childhood Education (Grades 1-6)

This concentration constitutes a mathematics major for students in the Quality Urban Elementary School Teacher (QUEST) program. QUEST students majoring in mathematics are not exempt from the MATH 10400 (STEM)/MATH 10500 requirement. To enter this major, the student should have completed one semester of calculus (MATH 15000 (STEM) or the equivalent). The specified collateral major is Childhood Education. This mathematics major consists of at least 32 credits of coursework: 20 credits of major core curriculum courses and at least 12 additional credits, as described below.

The student should consult the School of Education for the sequence of teacher education courses in the Childhood Education (QUEST) major.

Major Core Curriculum (20 credits)

- MATH 15400 An Introduction to Symbolic Computation
- MATH 15500 (STEM) Calculus II
- MATH 15600 Introduction to Mathematical Proof Workshop
- MATH 16000 Matrix Algebra
- MATH 25000 Calculus III
- MATH 26000 Linear Algebra
- STAT 21300 (STEM) Introduction to Applied Statistics

Additional Required Courses (at least 12 credits)

- STAT 21200 Discrete Probability
- STAT 22000 Statistical Analysis in Forensics
- Two additional courses approved by a departmental adviser

Mathematics Track (34-50 credits)

Calculus Sequence

(0-17 credits)

- MATH 101EN - Algebra for College Students - Enhanced
- MATH 10100 - Algebra for College Students
- MATH 10150 - Mastery of Symbolic Computation
- MATH 12400 (STEM) - College Algebra and Trigonometry
- MATH 12500 (STEM) - Precalculus
- MATH 12550 (STEM) - Precalculus with Workshop
- MATH 14000 - Mathematical Reasoning Workshop

Unless students earn a grade of B- or above in MATH 12550
- MATH 15000 (STEM) - Calculus I
- MATH 15500 (STEM) - Calculus II

Other Required Math Courses

(24 credits)

- MATH 15600 - Introduction to Mathematical Proof Workshop
MATH 25000 - Calculus III
MATH 25400 - Ordinary Differential Equations
MATH 25500 - Vector Analysis
MATH 26000 - Linear Algebra
MATH 31100 - Abstract Algebra I
MATH 35100 - Mathematical Analysis I
STAT 21300 (STEM) - Introduction to Applied Statistics
or
STAT 31100 - Probability Theory

Elective Courses (9 credits)

The student must complete three 3-credit approved elective courses. The elective courses must be chosen from the 300- or 400-level courses in mathematics or statistics listed by the department. Factors affecting the choice of courses will include the student's career goals (preparation for graduate study; education; careers in business, government service or industry), the student's other major, where applicable, and the availability of courses due to the course rotation schedule. A 300-level course may be replaced by a graduate

Mathematics - BA

Foundational Courses

Foundational Courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

• MATH 12500 (STEM) Precalculus (prereq to MATH 15000)
• MATH 15000 (STEM) Calculus I
• MATH 15500 (STEM) Calculus II

Hunter Core Requirement

Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement.

Major

To enter the standard Mathematics Major, the student should have completed the Foundational Courses of one year of calculus (MATH 15000 (STEM) and MATH 15500 (STEM), or the equivalent). The major consists of at least 33 credits of coursework: 24 credits of core curriculum courses and at least 9 credits of advanced elective courses chosen by students according to their career plans.

Proficiency in symbolic computation is also required.

Major Core Curriculum (24)

• MATH 15600 Introduction to Mathematical Proof Workshop
• MATH 25000 Calculus III
• MATH 25400 Ordinary Differential Equations
• MATH 25500 Vector Analysis
• MATH 26000 Linear Algebra
• MATH 31100 Abstract Algebra I
• MATH 35100 Mathematical Analysis I
Elective Courses
The student must complete three 3-credit approved elective courses. The elective courses must be chosen from the 300- or 400-level courses in mathematics or statistics listed by the department. Factors affecting the choice of courses will include the student’s career goals (preparation for graduate study; education; careers in business, government service or industry), the student’s other major, where applicable, and the availability of courses due to the course rotation schedule. A 300-level course may be replaced by a graduate

Symbolic Computation Proficiency Requirement
As a requirement for graduation with a BA in Mathematics, students must demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:

a) passing any of
   • MATH 12600 Precalculus Technology Laboratory
   • MATH 15400 An Introduction to Symbolic Computation
   • MATH 38500 Numerical Methods I
b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

Graduate Requirements
Degree Requirements for the MA in Pure Mathematics
Thirty credits (10 courses) from courses chosen as follows:

1. Algebra Requirement
   • MATH 72100 - Modern Algebra I and at least one of MATH 72200 - Modern Algebra II or MATH 72500 - Advanced Linear Algebra

2. Analysis Requirement
   • MATH 74600 - Theory of Functions of a Real Variable I and at least one of MATH 74200 - Analytic Functions or MATH 74700 - Theory of Functions of a Real Variable II

3. Geometry and Topology Requirement
   • at least one of MATH 75100 - General Topology or MATH 75000 - Calculus on Manifolds

4. Elective Course Requirement (15 credits)
   Fifteen credits (5 courses) from MATH 70000 and/or STAT 70000 - level courses approved by the graduate mathematics adviser are required. The department's course rotation schedule may make it necessary to substitute a limited number of courses at the MATH 60000 level with permission of the adviser.

5. Written comprehensive examination
   Written comprehensive examinations are required in algebra and analysis (see 1 and 2 above) and in two additional areas to be chosen by the student with the adviser's approval. The comprehensive examinations must be completed in the student's final semester. Students who fail an examination may repeat the examination. If a student fails an examination twice, the department chair will appoint a committee to review the student's case. The student may be allowed to repeat the examination for a final time or may be required

Mathematics: Pure Mathematics - MA
Students in the MA program in Pure Mathematics want to investigate mathematics beyond the undergraduate level. Most have a bachelor's degree in mathematics. But there are always several students with an undergraduate degree in a related topic and a few whose undergraduate background is completely unrelated. In both of these cases, the students filled out their mathematics background prior to applying for admissions.

Students use this program for various purposes. Many use their added mathematics background as part of a competitive application to a doctoral program. In-service teachers gain permanent certification via their MA. Others use the ir degree to seek employment or advancement to positions that require an advanced degree. Several seek positions as instructors at local area colleges. Others are in areas unrelated to education.
The general college admission requirements must be satisfied. These include the Graduate Record Examination and two letters of recommendation.

The Department's requirements are flexible. They are intended to encourage students without a prior specialization in mathematics to pursue a degree in mathematics.

Degree Requirements for the MA in Pure Mathematics

Thirty credits (10 courses) from courses chosen as follows:

1. Algebra Requirement
   • MATH 72100 - Modern Algebra I
   • and at least one of
     • MATH 72200 - Modern Algebra II
     • or
     • MATH 72500 - Advanced Linear Algebra

2. Analysis Requirement
   • MATH 74600 - Theory of Functions of a Real Variable I
   • and at least one of
     • MATH 74200 - Analytic Functions
     • or
     • MATH 74700 - Theory of Functions of a Real Variable II

3. Geometry and Topology Requirement
   • at least one of
     • MATH 75100 - General Topology
     • or
     • MATH 75000 - Calculus on Manifolds

4. Elective Course Requirement (15 credits)
   Fifteen credits (5 courses) from MATH 70000 and/or STAT 70000-level courses approved by the graduate mathematics adviser are required. The department's course rotation schedule may make it necessary to substitute a limited number of courses at the MATH 6000 level with permission of the adviser.

5. Written comprehensive examination
   Written comprehensive examinations are required in algebra and analysis (see 1 and 2 above) and in two additional areas to be chosen by the student with the adviser's approval.
   The comprehensive examinations must be completed in the student's final semester. Students who fail an examination may repeat the examination. If a student fails an examination twice, the department chair will appoint a committee to review the student's case.
   The student may be allowed to repeat the examination for a final time or may be required to leave the program.
Students must exhibit a reading knowledge of French, German, Russian or another language with a sufficiently rich mathematical literature.

Note

For further information on the MA in Pure Mathematics, please contact Professor John Loustau: jloustau@msn.com.

Mathematics: Pure Mathematics

Students in the MA program in Pure Mathematics want to investigate mathematics beyond the undergraduate level. Most have a bachelor's degree in mathematics. But there are always several students with an undergraduate degree in a related topic and a few who's undergraduate background is completely unrelated. In both of these cases, the students filled out their mathematics background prior to applying for admissions.

Students use this program for various purposes. Many use their added mathematics background as part of a competitive application to a doctoral program. In-service teachers gain permanent certification via their MA. Others use their degree to seek employment or advancement to positions that require an advanced degree. Several seek positions as instructors at local area colleges. Others are in areas unrelated to education.

Admission Requirements for the MA in Pure Mathematics

The general college admission requirements must be satisfied. These include the Graduate Record Examination and two letters of recommendation.

The Department's requirements are flexible. They are intended to encourage students without a prior specialization in mathematics to pursue a degree in mathematics.

Degree Requirements for the MA in Pure Mathematics

Thirty credits (10 courses) from courses chosen as follows:

1. Algebra Requirement
   - MATH 72100 - Modern Algebra I
   - and at least one of
     - MATH 72200 - Modern Algebra II
     - or
     - MATH 72500 - Advanced Linear Algebra

2. Analysis Requirement
   - MATH 74600 - Theory of Functions of a Real Variable I
   - and at least one of
     - MATH 74200 - Analytic Functions
     - or
     - MATH 74700 - Theory of Functions of a Real Variable II
3. Geometry and Topology Requirement
   • at least one of
   • MATH 75100 - General Topology
   • MATH 75000 - Calculus on Manifolds

4. Elective Course Requirement (15 credits)
   Fifteen credits (5 courses) from MATH 70000 and/or STAT 70000-level courses approved by the graduate mathematics adviser are required. The department's course rotation schedule may make it necessary to substitute a limited number of courses at the MATH 60000 level with permission of the adviser.

5. Written comprehensive examination
   Written comprehensive examinations are required in algebra and analysis (see 1 and 2 above) and in two additional areas to be chosen by the student with the adviser's approval. The comprehensive examinations must be completed in the student's final semester. Students who fail an examination may repeat the examination. If a student fails an examination twice, the department chair will appoint a committee to review the student's case. The student may be allowed to repeat the examination for a final time or may be required to leave the program.

6. Reading knowledge
   Students must exhibit a reading knowledge of French, German, Russian or another language with a sufficiently rich mathematical literature.

Note
For further information on the MA in Pure Mathematics, please contact Professor John Loustau: jloustau@msn.com.

Medical Laboratory Sciences
Return to: Faculty of the School of Arts and Sciences
Steven Einheber, Associate Professor and Chair, Medical Laboratory Sciences: BS George Washington; PhD Cornell
Chad Euler, Assistant Professor, Medical Laboratory Sciences: BS Vermont, PhD Rockefeller
Muktar Mahajan, Doctoral Lecturer, Medical Laboratory Sciences: MS University of Kashmir, India, PhD Indian Institute of Science
Shahana Mahajan, Associate Professor, Medical Laboratory Sciences: MS University of Hyderabad, India; PhD Indian Institute of Science
Robert Raffaniello, Associate Professor, Medical Laboratory Sciences; BS College of Staten Island; MS LIU; PhD NYU
Abigail Rodriguez Morales, Assistant Professor, Medical Laboratory Sciences; BA New York University; PhD Washington University in St. Louis

Meningococcal Meningitis Disease
will appoint a committee to review the student's case.
Public Health Law 2167 requires institutions, including colleges and universities, to distribute information about meningococcal disease and vaccination to all students registering for 6 or more credits, whether they live on or off campus. Hunter College of the City University of New York is required to maintain a record of the following for each student:

a) Response to receipt of meningococcal disease and vaccine information signed by the student or student’s parent or guardian (if student is under 18 years old)

b) Record of meningococcal meningitis immunization within the past 5 years; OR

c) Acknowledgment of meningococcal disease risks and refusal of meningococcal meningitis immunization signed by the student. Students can submit this information electronically through their CUNYfirst account or by completing Parts 1 and 3 of the Immunization Records office Immunization Form. To learn more about meningitis and the vaccine, please consult physician using the Health Services Immunization Form or can do so electronically through their CUNYfirst account. To learn more about meningitis and the disease at http://www.cdc.gov.

Modern: 19th, 20th and 21st century (including Modern Latin America)

• ARTH 24300 - Eighteenth Century Art
• ARTH 24400 - Neo-Classicism and Romanticism: the Age of Revolution, 1789-1848
• ARTH 24500 - Issues in 19th Century French Painting: Realism, Impressionism and Post-Impressionism/Symbolism (1850-1910)
• ARTH 24600 - American Art 1760-1900
• ARTH 24700 - Modern Art in Latin America (until c. 1945)
• ARTH 24900 - Twentieth-Century Art I
• ARTH 25000 - Twentieth-Century Art II
• ARTH 25100 - Contemporary Art
• ARTH 25500 - Modern Architecture I (1850-1950)
• ARTH 25600 - Modern Architecture II (from 1950 until today)
• ARTH 25700 - Postwar and Contemporary Art in Latin America
• ARTH 35100 - Special Topics Lecture in Modern Art (W)
• ARTH 45000 - Advanced Studies Seminar in Modern Art (W)

Music

Return to: Faculty of the School of Arts and Sciences

Victor Bobetsky, Professor, Music; BA Brooklyn, MA Hunter, DMA Miami

Geoffrey Burleson, Professor, Music; BMus Peabody, MMus New England Conservatory, DMA SUNY (Stony Brook)

L. Poundie Burstein, Professor, Music; BA Mannes, MA Queens, PhD CUNY

Michele Cabrini, Associate Professor, Music; BMus, MMus Peabody, MA, PhD PrincetonPhD

Catherine Coppola, Lecturer, Music; BS New York University, MM Manhattan School of Music, PhD CUNY

Philip Ewell, Associate Professor, Music; BA Stanford, MM Queens, Yale

Suzanne Farrin, Professor and Chair, Music; BMus University of Colorado at Boulder, MA, MMA, DMA Yale

David Fulmer, Assistant Professor, Music; BM New England Conservatory, MM, DMA Juilliard

Susan Gonzalez, Professor, Music; BMus Cincinnati, MMus, DMA Eastman School of Music

Barbara Hampton, Professor, Music; BMus Howard, MA California (Los Angeles), PhD Columbia
Music 42 - Credit Major (BA)

This degree is designed for students planning to pursue professional careers in music. It provides basic training in all areas of music and serves as a foundation for graduate study of any aspect of the field.

Foundation Courses

Foundation Courses include courses in English and prerequisites to these courses. These courses must be completed before embarking upon the major. Students with appropriate background may be exempted from some or all Foundational Courses. See department for proper placement.

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

• ENGL 12000 Expository Writing

Music BA - 42 credit Major

Music history:
• MUSHL 20100 Introduction to Music Research
• MUSHL 20500 Music History I
• MUSHL 20600 Music History II (W)
• MUSHL 30500 Music History III (W)
• and any other 3-credit MUSHL course at the 300-level

Music theory:
• MUSTH 20100 Introduction to Music Technology
• MUSTH 22000 Music Theory I
• MUSTH 22100 Music Theory II
• MUSTH 23000 Musicianship I
• MUSTH 23100 Musicianship II
• MUSTH 32000 Music Theory II
• MUSTH 33000 Musicianship III
• and any other 3-credit MUSTH course at the 300-level

Performance:
2 credits in
• MUSPF 40100 Individual Instruction in Instrument or Voice
2 credits in large ensembles
• MUSPF 22100 College Choir
2 credits in performance electives
MUSPF 22100 College Choir
MUSPF 24900 Jazz Ensemble
MUSPF 25000 Jazz and Popular Music Combos
MUSPF 25100 Jazz Vocal Workshop Ensemble
MUSPF 35300 Chamber Singers
MUSPF 35500 Chamber Music Workshop
MUSPF 36500 Topics in Piano Performance
MUSPF 36900 Topics in Vocal Performance
or MUSPF 40100 Individual Instruction in Instrument or Voice

Electives:
4 credits in music courses above the 100-level

Piano Proficiency Requirement
All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300–MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

Graduate Curriculum
MUS 64100, MUS 64300, MUS 64500, MUS 64700, MUS 64900, MUS 65100, MUS 72400, MUS 75100, MUS 75200, MUS 77900, 3 cr. Music elective chosen in consultation with graduate adviser. (For course descriptions, see graduate catalog)

Music Bachelor's Degrees

Music Overview
The Music Department offers students the chance to explore musical expression through performance and academic study. Opportunities to learn from some of the best theorists, musicologists and ethnomusicologists in the field exist alongside exciting performance opportunities for every playing and singing ability. All undergraduate music majors include training in performance, aural skills, music theory, and music history, in the context of a strong liberal-arts degree program. Many other subjects, including composition, arranging, computer music, and ethnomusicology are available as electives. The undergraduate programs provide both the foundation for further study of any area of music and a liberal-arts background that can serve as a basis for careers in other fields.

Our ensembles include College Choir, Chamber Singers, Opera, Jazz Vocal Workshop, Jazz Ensemble, Jazz and Popular Music Combos, Chamber Music, and the Hunter Symphony. The BA degree can be completed evenings or days. In addition, the department sponsors numerous extracurricular events, including concerts, lectures, and master classes. Private lessons in instruments and voice are provided to all performance majors and many other music majors by a distinguished roster of performance teachers. Financial aid is available to qualified performance majors and other majors who need to study with private teachers not on the staff.

What can I do with my degree in Music?
Graduates of the department go on to a variety of careers in music and beyond. Graduates of the BA/MA dual degree program in Music/Music Teacher Education Pre-K–12 BA/MA are qualified to teach in the public elementary and high schools of New York State.

Programs and Courses
Teacher Education Pathway
Students planning to teach this subject in grades 7–12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Graduate Study
Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

Department Office:
416 North
(212) 772-5020
fax: (212) 772-5022
Web site: http://www.hunter.cuny.edu/music
E-mail: music@hunter.cuny.edu
Chair:
Suzanne Farrin
417 North
212 772-5026
farrins@hunter.cuny.edu

Department Office:
Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM
416 North
(212) 772-5020
fax: (212) 772-5022
http://www.hunter.cuny.edu/music

Faculty
Music Faculty
HEGIS Code: 1004
Minor in Music
The music minor consists of 15 credits in music: MUSTH 10100; MUSHL 10100 or MUSHL 10700; one course with an MUSHL prefix at the 200-level; and 6 credits of music electives, 3 of which must be at the 200-level or higher. Prospective minors who have already mastered the material taught in the required 100-level courses (MUSTH 10100 and/or MUSHL 10100 or 10700) may be exempted from these courses by passing the same entrance examination that is required of prospective music majors (see Music 25-Credit...

Major – BMus
This degree is designed for students planning to pursue careers as professional performers of music or as teachers of music performance. It provides intensive instruction in the student's instrument or voice; solid training in music history and theory; and a broad, liberal arts education. Admission to this program is conditional on passing an audition (preferably before the student enters college) demonstrating a high level of skill in performance.

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (60 cr.)
- Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

MUSHL 20500

Music History I

Pluralism and Diversity
PD/D
For music majors. Survey of the history of music in the European tradition to 1600.
prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
offered fall

MUSHL 20600

Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

MUSHL 30500

Music History III (W)

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall

and any other 3-credit MUSHL course at the 300-level

Music theory:

MUSTH 20100

Introduction to Music Technology
An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.
prereq or coreq: prerequisite: MUSTH 22000 and 23000, or perm dept.
1 hr
MUSTH 22000 - Music Theory I
Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

MUSTH 22100 - Music Theory II
Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring

MUSTH 23000 - Musicianship I
Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000
3 hrs
2 cr.
offered fall

MUSTH 23100 - Musicianship II
Continuation of MUSTH 23000.
prereq: MUSTH 23000
coreq: MUSTH 22100
3 hrs
2 cr.
offered spring

MUSTH 32000 - Music Theory III
Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: MUSTH 20100, MUSTH 22100
coreq: MUSTH 33000
3 hrs
3 cr.
offered fall

MUSTH 33000 - Musicianship III
Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq: MUSTH 23100
MUSTH 32000
3 hrs 2 cr.
offered fall and any other 3-credit MUSTH course at the 300-level

Private lessons:
MUSPF 43100
- Individual Instruction in Instrument or Voice
  Limited to students in the 60-credit BMus program and the BA/MA music program. Intensive study in instrumental or vocal techniques. Jury examination required.
  May be taken 8 times.
  prerequisite:
  permission of department

Performance ensembles:
For instrumentalists - 6 credits in instrumental ensembles
Choose 6 credits from the following:
MUSPF 23100
- Hunter Symphony
  Rehearsal and performance of orchestral works. May be taken 8 times.
  prerequisite:
  audition, permission of instructor

MUSPF 24900
- Jazz Ensemble
  Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.
  2 hrs 1 cr.

MUSPF 35500
- Chamber Music Workshop
  Rehearsal and public performance of instrumental chamber works. May be taken 6 times.
  prerequisite:
  audition, permission of instructor

MUSPF 25000
- Jazz and Popular Music Combos
  Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R&B, Country/Bluegrass, and Jazz. May be taken 6 times.
  prerequisite or corequisite:
  audition, department permission required

  2 hrs 1 cr.
MUSPF 36500 - Topics in Piano Performance
Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance. May be taken 4 times.

coreq: MUSPF 40100 or 43100

2 hrs 1 cr.

For singers
6 credits in vocal ensembles

MUSPF 22100 - College Choir
Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs 1 cr.

MUSPF 25100 - Jazz Vocal Workshop Ensemble
Jazz performance and improvisation. May be taken 6 times.

prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition

2 hrs 1 cr.

MUSPF 35300 - Chamber Singers
Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.

prereq: audition, perm instr.

2 hrs 1 cr.

MUSPF 36900 - Topics in Vocal Performance
Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance. May be taken 4 times.

prereq: ENGL 12000

coreq: MUSPF 40100 or 43100

2 hrs 1 cr.

for singers, a minimum of 2 credits must be in MUSPF 36900

Electives:
- 4 credits in music courses above the 100-level.

Recital:
- A senior recital, for which no credit is given, is also required.
Piano Proficiency Requirement

All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

Degree Map for Music 60 cr. BMus

This degree is designed for students who want to study music in the context of a general liberal arts education, but who do not plan to pursue careers in music. It may also be convenient for students who enter Hunter with a large number of transfer credits in music.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.
prereq: MUSHL 20100, 20500, ENGL 12000

prereq or coreq: MUSTH 22100, 23100

3 hrs
3 cr.
offered spring

MU
SHL 30500

Music History III (W)

Pluralism and Diversity

PD/D

Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.

prereq: MUSHL 20600, MUSTH 22100, 23100

3 hrs
3 cr.
offered fall

• and any other 3-credit MUSHL course at the 300-level

Music Theory

MUSTH 22000

Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000

3 hrs
3 cr.
offered fall

MUSTH 22100

Music Theory II

Continuation of MUSTH 22000.

prereq: MUSTH 22000
coreq: MUSTH 23100

3 hrs
3 cr.
offered spring

MUSTH 23000

Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.
coreq: MUSTH 22000

3 hrs
2 cr.
offered fall

MUSTH 23100

Musicianship II

Continuation of MUSTH 23000.

prereq: MUSTH 23000
coreq: MUSTH 22100

3 hrs
MUSPF 22100 - College Choir
Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs 1 cr.

Piano Proficiency Requirement
All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300 - MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

Degree Map for Music 25 Credit

Music 42 Credit Major - BA
This degree is designed for students planning to pursue professional careers in music. It provides basic training in all areas of music and serves as a foundation for graduate study of any aspect of the field.

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR, Hunter Focus, Contemporary Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.
MUSHL 20100
MUSHL 20600
MUSHL 30500
MUSTH 20100
MUSTH 22000
MUSTH 22100
Music History II (W)
Music Theory I
Music Theory II
Prerequisite:
Prerequisite or Corequisite:
Corequisite:
Prerequisite or Corequisite:
Offered fall
Offered spring
Offered fall
Offered spring
Offered fall
Offered spring
Offered fall

3 hrs
3 hrs
3 hrs
1 hr
3 hrs
3 hrs
3 hrs
1 hr
3 hrs
3 hrs
3 hrs

3 cr.
3 cr.
3 cr.
1 cr.
3 cr.
3 cr.
3 cr.

Offered:
Offered:
Offered:

Fall
Spring
Fall

Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.
Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
Continuation of MUSTH 22000.

Pluralism and Diversity
Pluralism and Diversity
PD/D
PD/D

For music majors.

And any other 3-credit MUSHL course at the 300-level.

Any other 3-credit MUSHL course at the 300-level.

Music theory:

Any other 3-credit MUSHL course at the 300-level.
MUSTH 23100
3 hrs
3 cr.
offered spring
Musicianship I
Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

MUSTH 23000
coreq:
MUSTH 22000
3 hrs
2 cr.
offered fall
Musicianship II
Continuation of MUSTH 23000.
prereq:
MUSTH 23000
coreq:
MUSTH 22100
3 hrs
2 cr.
offered spring
Music Theory III
Intermediate level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq:
MUSTH 20100, MUSTH 22100
coreq:
MUSTH 33000
3 hrs
3 cr.
offered fall
Musicianship III
Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.
prereq:
MUSTH 23100
coreq:
MUSTH 32000
3 hrs
2 cr.
offered fall
and any other 3-credit MUSTH course at the 300-level
Performance:
2 credits in Individual Instruction
MUSPF 40100
Individual Instruction in Instrument or Voice
Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.
prereq: perm dept.

1 hr 1 cr.

2 credits in large ensembles

MUSPF 22100 - College Choir
Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs 1 cr.

MUSPF 23100 - Hunter Symphony
Rehearsal and performance of orchestral works. May be taken 8 times.

prereq: audition, perm instr.

3 hrs 1 cr.

2 credits in performance electives

MUSPF 22100 - College Choir
Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs 1 cr.

MUSPF 23100 - Hunter Symphony
Rehearsal and performance of orchestral works. May be taken 8 times.

prereq: audition, perm instr.

3 hrs 1 cr.

MUSPF 24900 - Jazz Ensemble
Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.

2 hrs 1 cr.

MUSPF 25000 - Jazz and Popular Music Combos
Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip Hop, R & B, Country/Bluegrass, and Jazz. May be taken 6 times.

prereq or coreq: audition, dept. permission required

2 hrs 1 cr.

MUSPF 25100 - Jazz Vocal Workshop Ensemble
Jazz performance and improvisation. May be taken 6 times.

prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition

2 hrs 1 cr.

MUSPF 35300 - Chamber Singers
Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.

prereq: audition, perm instr.

2 hrs 1 cr.

MUSPF 35500 - Chamber Music Workshop
Rehearsal and public performance of instrumental chamber works. May be taken 6 times.

prereq: audition, perm instr.

2 hrs 1 cr.

MUSPF 36500 - Topics in Piano Performance
Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance. May be taken 4 times.

coreq: MUSPF 40100 or 43100

2 hrs 1 cr.

MUSPF 36900 - Topics in Vocal Performance
Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance. May be taken 4 times.

prereq: ENGL 12000

coreq: MUSPF 40100 or 43100

2 hrs 1 cr.

MUSPF 40100 - Individual Instruction in Instrument or Voice
Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher. May be taken 8 times.

prereq: perm dept.

1 hr 1 cr.

Electives:
• 4 credits in music courses above the 100-level

Piano Proficiency Requirement

[Text continues on the next page]
All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300–MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

21400 (Piano III), or private lessons at their own expense (without credit), then repeat the examination. Students with no experience in MUSPF 21400 (Piano I and II) for elective credit or private lessons in piano at their own expense. The Music Department office has a list of

should demonstrate an advanced level, a broad scope, and a high quality, and must be done under the supervision of a faculty member of the
Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree.

New York City Programs

Hunter College Scholarships, Awards, Prizes and Other Financial Assistance for Matriculated Students

Hunter College recognizes academic merit and need through a growing number of scholarship and fellowship programs. In general, these fall into two categories: scholarships and fellowships for incoming students; and scholarships, fellowships, awards and prizes for continuing students.

Incoming Students

There are several four-year scholarship opportunities for incoming first-year, full-time students, including the CUNY Macaulay Honors College financial package, Honors Scholar Programs, and Dormitory Scholars Awards.

For more information on the Honors Scholar Programs, see Student Services section of this catalog or visit Scholar Programs or inquire at the Honors Scholar Program Office, Hunter North 140, (212) 396-6888, or by email scholarprograms@hunter.cuny.edu.

Continuing Students

Continuing students who wish to be considered for awards from scholarship funds administered through the college should submit a Hunter College Scholarship application, available online at For more information, contact the coordinator of scholarship opportunities in the Office of Financial Aid (212) 772-4818.

Other Sources of Financial Assistance

Hunter College is committed to providing its students with the maximum amount of financial assistance available from government grants, loans and work-study opportunities. Information and assistance in obtaining financial aid is available from the Office of Financial Aid, Hunter North Room 241 or by logging onto http://www.hunter.cuny.edu/onestop/finances/financial-aid

Hunter College Foundation

Established in 1991, the Hunter College Foundation is dedicated to ensuring continued access to the highest quality public higher education and to helping Hunter maintain its longstanding reputation for academic distinction. Undergraduate scholarships and graduate fellowships may be set up in the Hunter College Foundation.

The Scholarship and Welfare Fund

The Scholarship and Welfare Fund of the Alumni Association, a not-for-profit group established in 1949, administers a number of funds to provide scholarships to students who otherwise might not be able to complete their education. For over fifty years, the Scholarship and Welfare Fund has contributed substantially to the education of Hunter College students. Contributions from alumni, friends, chapters and classes have provided the funds needed for this support.

Many endowed scholarships have been established through funds donated in the names of individuals, classes and chapters of the Alumni Association to provide assistance to students on the basis of both scholarship and financial need. They include college-wide awards and awards to graduating seniors.

New York State Certification

Undergraduate teacher preparation programs have been approved by the New York State Education Department to lead to initial certification for teaching in New York State. To earn this certificate students must successfully complete the approved program of study, obtain a BA or BA/MA degree, have fingerprint clearance, complete the Dignity for All Students Act (DASA) workshop and pass the required New York State Teacher Certification Examinations (NYSTCE) including the EAS, CST and edTPA. The Office of Academic And Student Affairs (OASA) sends institutional recommendations for certification after students graduate from their teacher preparation program. The initial certificate permits the holder to teach for five years. Candidates must then complete three years of full-time teaching in the certificate title and a master's degree in order to be eligible for professional certification. NYS certification is reciprocally accepted by many other states upon application. Students with questions about certification should consult the School of Education website: http://www.hunter.cuny.edu/education.
The liberal arts and sciences comprise the disciplines of the humanities, natural sciences and mathematics, and social sciences.

A. Examples of course types that are generally considered within the liberal arts and sciences:

1. Humanities:
   • English — composition, creative writing, history of language, journalism, linguistics, literature, literature in translation, playwriting
   • Fine arts — art appreciation, history or theory
   • Foreign languages — composition, conversation, grammar, history of the language, literature of the language, reading, translation studies
   • Music — music appreciation, history or theory
   • Philosophy — comparative philosophy, history of philosophy, logic, schools of philosophy
   • Religion — comparative religion, history of religion
   • Theater — dramatic interpretation, dramatic literature, dramaturgy, history of drama, playwriting

2. Natural sciences and mathematics:
   • Natural sciences — anatomy and physiology, biology, chemistry, earth science, geology, physics, zoology
   • Mathematics — calculus, mathematical theory, statistics
   • Computer Science — broad survey/theory courses

3. Social sciences:
   • Anthropology, cultural studies, economics, geography, government, history, political science, psychology, sociology
   • Criminal justice — introductory and broad survey courses
   • Communications — interpersonal communication, mass communication, public speaking, speech and rhetoric

B. Examples of course types that are generally not considered within the liberal arts and sciences:

• Agriculture
• Business — administration, finance, human resources, management, marketing, production
• Computer applications (e.g., word processing, database, spreadsheet), programming (e.g., specific languages)
• Health and physical education
• Home economics
• Education and teaching methods
• Library science
• Music — studio, performance, practice courses — voice, instrument, direction, conducting
• Office technologies and practice
• Performing and related arts — acting, costume design, dance, direction, lighting, production, scene construction, sound production
• Specialized professional courses in such fields as accounting, architecture, dental hygiene, dentistry, engineering, law, medicine, nursing, nutrition, pharmacy, podiatry, veterinary medicine
New York State Financial Aid Programs

Tuition Assistance Program (TAP)

The TAP grant is awarded to New York State residents who are enrolled full-time in a degree-granting program and meet the income criteria. To be eligible for a TAP award, each semester students must register for 12 credits which are directly attributable to their degree. Students should consult with an adviser in the Office of Advising or their major department when planning their programs to ensure continued TAP eligibility. SEEK students should consult with their SEEK counselor.

Awards ranging from $500 to $5,165 are made to dependent students and independent students with dependents whose New York State taxable income is $80,000 or less or to independent students with no dependents if the taxable income is $10,000 or less. Students may receive awards for eight semesters; SEEK students may receive awards for ten semesters. A student with a disability that prevents attendance on a full-time basis may be eligible to receive a prorated TAP while attending on a part-time basis.

Excelsior Scholarship Program

The Excelsior Scholarship, in combination with other student financial aid programs, allows students to attend a SUNY or CUNY college tuition-free. Applicant must be a resident of NYS and have resided in NYS for 12 continuous months prior to the beginning of the term. Eligible applicants must be a U.S. citizen or eligible non-citizen. In addition, they must graduate from high school in the United States, earned a high school equivalency diploma, or passed a federally approved "Ability to Benefit" test, as defined by the Commissioner of the State Education Department.

Applicants must have a combined federal adjusted gross income of $125,000 or less. In addition, be pursuing an undergraduate degree at a SUNY or CUNY college. Applicants must be enrolled in at least 12 credits per term and complete at least 30 credits each year (successively), applicable toward his or her degree program; A recipient of an Excelsior Scholarship may receive up to $5,500. A recipient of an Excelsior Scholarship is eligible to receive award payments for not more than two years of full-time undergraduate study in a program leading to an associate's degree or four years of full-time undergraduate study, or five years if the program of study normally requires five years, in a program leading to a bachelor's degree.

For more information see the HESC Web site at:

http://Senator José Peralta New York State DREAM Act

CUNY Student Tuition Assistance (CUSTA)

Students who are otherwise eligible for a maximum TAP award but whose award is reduced because they have received four semesters of payment may be eligible for a CUSTA award up to $50 a semester.

Aid for Part-Time Study (APTS)

This award provides assistance to students who attend less than full-time, have accrued a minimum of 6 credits (not equated) and have not exhausted their TAP eligibility. In order to be eligible, a student must be a New York State resident and enrolled for at least 6 credits.

The legislature established the Aid for Part-Time Study (APTS) program in 1984 in a new section 666 of the Education Law. Aid for Part-Time Study is a different program from Part-Time TAP (established in 2006) with different requirements. One difference is that there is no prior study (prior earned credits) requirement for APTS.
Eligible and/or certified American Indian students enrolled members of a New York State tribe and their children who are attending, or planning to attend, a college in New York State and are New York residents. Awards are made to all eligible applicants. There is no quality of attendance requirement. Awards may be renewed for up to five years of full-time study or for five academic years of a program of academic study as defined by the Commissioner of Education.

The New York Army Reserve National Guard offers tuition assistance through two programs for full-time undergraduate study or for five academic years of a program of academic study as defined by the Commissioner of Education. The Army Reserve National Guard scholarship program is specifically required as a condition of enrollment in a course. Part-time students are eligible if they are enrolled half-time (7 or fewer credits).

The program is campus-specific: that is, individual campuses that decide to participate in the program select recipients and determine award amounts based on the amount of institutional funds available. The program is established by Governor George Pataki’s Executive Order 113 and related legislation to establish such a program, along with a CUNY Board of Trustees resolution.

The scholarships cover the cost of tuition, fees, books, supplies, transportation and room and board, if applicable, for four years of full-time undergraduate study or for five academic years of a program of academic study as defined by the Commissioner of Education. Statute does not define need or specify how the need of the recipient should be determined.

Eligible students are those who are New York State residents and discharged under honorable conditions from the U.S. Armed Forces and who are:

- Veterans of the armed forces of the United States who served in hostilities that occurred after February 28, 1961 as evidence by receipt of an Armed Forces Expeditionary Medal, Navy Expeditionary Medal or a Marine Corps Expeditionary Medal.
- Persian Gulf Veterans who served in the Persian Gulf on or after August 2, 1990.
- Afghanistan Veterans who served in Afghanistan during hostilities on or after September 11, 2001.
- Members of the New York Army Reserve National Guard who are:
  - Full-time students.
  - Community college students at a part-time duty status.
  - Part-time students.
  - Full-time students serving on active duty.
  - Active Reserve members who are full-time students.
  - Members of the New York National Guard, Army Reserve, and who do not receive federal tuition assistance benefits.

To be eligible, students must satisfy all other eligibility requirements including filing for TAP and Federal Pell Grants. Students must demonstrate potential to successfully complete their college degree and meet college guidelines for pursuit of this award program. Awards cannot exceed the cost of tuition, fees, books, supplies, transportation and room and board, if applicable, for four years of full-time study or for five academic years of a program of academic study as defined by the Commissioner of Education.

The scholarships were established by Governor George Pataki’s Executive Order 113 and related legislation to establish such a program, along with a CUNY Board of Trustees resolution. The program is specifically required as a condition of enrollment in a course. Part-time students must be enrolled half-time (7 or fewer credits).

A recipient receives an annual award payment based on the amount of institutional funds available. Part-time recipients receive a proportionate amount. The program is campus-specific: that is, individual campuses that decide to participate in the program select recipients and determine award amounts based on the amount of institutional funds available. Part-time students must reapply each year and demonstrate potential to successfully complete their college degree and meet college guidelines for pursuit of this award program. Awards cannot exceed the cost of tuition, fees, books, supplies, transportation and room and board, if applicable, for four years of full-time study or for five academic years of a program of academic study as defined by the Commissioner of Education.

For more information please visit the HESC Web site at: Veterans Tuition Awards.
Recipients must be chosen in the following order of priority:

- Professional Opportunity Scholarships (for approved professional programs, e.g., accounting, architecture, engineering, nursing, occupational therapy, ophthalmic dispensing, pharmacy, physical therapy, dental hygiene, landscape architecture, physician’s assistant, law, podiatry, optometry, psychology, social work, veterinary medicine)
- Congressional Teacher Scholarships
- Search for Education, Elevation and Knowledge (SEEK)
- NYS Regents Awards for Children of Deceased and Disabled Veterans
- A recipient of a Child of Veteran Award can receive $450 a year for four years of undergraduate study without consideration of income or tuition costs. However, the combined Child of Veteran Award and TAP award may not exceed the amount of tuition charges. Students must initially establish eligibility.
- Prorated amounts are available for students taking fewer than 12 credits. Contact Native American Education Unit, New York State Education Department, Room 374 Education Building, Albany, NY 12234. Call (518) 474-2570. Applications must be submitted each year. The deadline each year is May 1 of the award year. (Example: The deadline for 2020-2021 is May 1, 2021.)

Applicants must:

- Be enrolled in a specific program during the upcoming academic year. Winners receive up to $5,000 a year for a period of no more than four years. TAP and some other benefits may supplement this award. Contact the college Financial Aid Office or the New York State Education Dept., Bureau of Higher and Professional Education Testing, Albany, NY 12230; (518) 474-6394.
- Be enrolled full-time (matriculated) in an approved time undergraduate study (or five years in an approved five-year bachelor’s degree program).
- Meet the state.
- Be a New York State resident at the time of death, if death occurred during or as a result of service.
- Be a New York State resident at the time of death, if death occurred during or as a result of service.
- Meet eligibility as determined by the Bureau of Higher and Professional Education Testing, Albany, NY 12230; (518) 474-6394.
- Be a New York State resident at the time of death, if death occurred during or as a result of service.
- Meet eligibility as determined by the Bureau of Higher and Professional Education Testing, Albany, NY 12230; (518) 474-6394.
- Be a New York State resident at the time of death, if death occurred during or as a result of service.
- Meet eligibility as determined by the Bureau of Higher and Professional Education Testing, Albany, NY 12230; (518) 474-6394.

For more information see the HESC Web site at: NYS Memorial Scholarships for Families of Deceased Firefighters, Volunteer Firefighters, Police Officers, Peace Officers and Emergency Medical Service Workers.
New York State Rule for Liberal Arts and Sciences Courses

The following applies to all students who enter Hunter College either as freshmen or transfer students as of fall 2016: To obtain a Bachelor of Arts degree, students must have a minimum of ninety (90) credits in courses that are classified as Liberal Arts & Sciences courses. For a Bachelor of Science degree, a minimum of sixty (60) credits must be earned in courses that are classified as Liberal Arts & Sciences. Credits taken at Hunter or credits transferred in are subject to this requirement, which is based on a New York State law. While most courses offered at Hunter will be Liberal Arts & Sciences courses, several academic programs offer a number of courses which do not count as Liberal Arts & Sciences. To make sure that your courses follow the New York State guidelines, you must see an adviser if you have many credits or are majoring in any one of the following programs. This is especially important if you transfer courses in these fields to Hunter (their status may depend on the school where you

Art & Art History (Studio Art)
Economics (Accounting)
Community Health
Computer Science
Dance
Education
Film and Media Studies
Medical Laboratory Sciences
Music
Nursing
Theatre

Students who entered Hunter College after 2009 are under the same requirements, but there is the possibility of a waiver; however this is not guaranteed. Please check with an adviser if you have many credits or are majoring or minoring in one of the above areas.

Below is a list of courses that are NOT counted as Liberal Arts & Sciences, organized by Department, School, or Program:

Art & Art History:
All ARTCR courses

Community Health:
PH 40800 Digital Media and Health
PH 41200 Directed Fieldwork Practicum
COMHE 400.xx

Economics (Accounting):
ACCP 36700 Analysis of Financial Statements
ACCP 37100 Intermediate Accounting I
ACCP 37200 Intermediate Accounting II
ACCP 37300 Federal Income Taxation
ACCP 37400 Managerial Accounting (Cost Accounting)
ACCP 38000 Business Law II
ACCP 47100 Advanced Accounting I
ACCP 47200 Advanced Accounting II
ACCP 47300 Business Taxes
ACCP 47500 Auditing
ACCP 47600 Computer Accounting Systems
ACCP 48000 Business Law III
ACCP 49000 Accounting & Auditing Research

School of Education:
All courses in the School of Education are non Liberal Arts and Sciences, except:
QSTB 20280 Child Growth and Development
QSTB 40380 Social Foundations of Urban Education
QSTB 41380 Psychology of Teaching and Learning
SEDC 21000 Building the Foundations of Literacy in Grades 7–12
SEDF 20300 Social Foundations of Education, Grades 7–12 (W)
SEDF 20400 Adolescence Development
SEDF 20500 Educational Psychology: Applications in Grades 7–12
SEDF 20600 Assessment of the Teaching and Learning Process in Grades 7–12
International applicants whose primary language is not English must demonstrate a firm command of the English language by scoring a minimum of 500 Paper-Based TOEFL, 6 (IELTS), 61 (IBT) and 44 Pearson Academic on the Test of English as a Foreign Language (TOEFL). No conditional admission is offered whereby a student may come to the college and spend a semester or year learning English.

All applicants to graduate programs in CUNY for whom English is not their first language must take one of three exams*: Test of English as a Foreign Language (TOEFL), International English Language Testing System (IELTS) or Pearson Test of English (PTE). Hunter College has until now accepted only the TOEFL exam. The Economics department has requested that Hunter College accept the IELTS in addition to the TOEFL.

*RESOLUTION ON THE INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM (IELTS) EXAM

Be it resolved that Hunter College will accept the following exams as proof of English Language proficiency as one of the graduate admissions requirements for international students: International English Language Testing System (IELTS) and Test of English as a Foreign Language (TOEFL). Departments will be given the option of using one or both of those exams.

Noncompliance of Immunization Requirements

Please note that students will not be allowed to continue at Hunter if they are not compliant with immunization requirements within 30 days from the first scheduled day of classes.

Nondegree and Second-Degree Students Acceptance

The School of Education does not accept nondegree or second-degree students.

Nondegree student transfers

Nondegree students who are in attendance at Hunter College as well as those who were previously enrolled, in addition to meeting the above stated criteria, must have had a minimum grade point average of 2.0 in their Hunter coursework. Transfer admissions decisions and determinations of advanced standing are made by the Hunter College Admissions Office on the basis of work done as a matriculated student at regionally accredited two- and four-year colleges and universities. Only courses in which a student has earned a grade of C or better (or a passing grade with earned credit from a CUNY college) can be accepted for transfer. Transfer credit will not be granted for any remedial, developmental or ESL coursework.
Students who are not interested in earning a degree but wish to enroll in college credit bearing courses may be admitted as nondegree students. All students wishing to enroll at Hunter in a nondegree status must apply for nondegree admission from the Hunter College website www.hunter.cuny.edu. The application must be submitted along with verification of at least a high school diploma or 24 earned college credits. Neither a high school certification nor an IEP diploma is acceptable (see the nondegree application for further information.) A nondegree admission fee of $65 will be charged at the student's first registration. Nondegree students may register for any course for which space is available at the time of registration, provided they have met the prerequisites and have taken and passed applicable placement exams. (Check with the appropriate departments for more information concerning prerequisites and placement exams.) Such students are permitted to attempt up to 12 credit hours before they are required to prove proficiency in Reading Writing and Math (see the catalog section on Testing) and, must either matriculate or leave the college when they have attempted 24 credits. Courses in which the student receives a grade of "W" do not count toward the 12- or 24-credit limitations.

Baccalaureate, master's or doctoral degree holders (from a college or university accredited by a regional U.S. accrediting association) are exempt from the 24-credit limit, provided proof of the degree is submitted along with their application for admission.

Students in an F-1 or J-1 Visa status are not eligible to attend Hunter College in a nondegree status.

Credits earned at Hunter College as a nondegree student are automatically transferred into a degree program upon matriculation at Hunter. Those credits earned at Hunter will be accepted as residency credits.

The priority application deadlines for nondegree admission are:

- Summer: March 15
- Fall: May 1st
- Winter: October 1st
- Spring: November 1st

Applications submitted after the deadlines will be considered based on space available at the college.

Nondegree Students and CUNY Proficiency Requirements
Nondegree students may attempt up to 12 credits at Hunter College without demonstrating the CUNY Proficiency Requirements unless it is required for a particular course. Nondegree students are required to demonstrate CUNY proficiency requirements once 12 credits have been attempted; nondegree students must demonstrate proficiency requirements based on the same criteria set forth for Degree Students.

Notice of Access to Campus Crime Statistics, the Campus Security Report and Information on Registered Sex Offenders
The college Advisory Committee on Campus Safety will provide upon request all campus crime statistics as reported to the U.S. Department of Education, as well as the annual campus security report. The campus security report includes:

- the campus crime statistics for the most recent calendar year and the two preceding calendar years;
- campus policies regarding procedures and facilities to report criminal actions or other emergencies on campus;
- policies concerning the security of and access to campus facilities;
- policies on campus law enforcement;
- a description of campus programs to inform students and employees about campus security procedures and practices and to encourage students and employees to be responsible for their own security and the security of others;
- campus crime prevention programs;
- policy concerning the monitoring through the police of criminal activity at offcampus locations of students organizations officially recognized by the college;
- policies on illegal drugs, alcohol and underage drinking;
- where information provided by the State on registered sex offenders may be obtained (also see below); and
- policies on campus sexual assault programs aimed at the prevention of sex offenses and procedures to be followed when a sex offense occurs. This information is maintained pursuant to the federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act.

The campus crime statistics and the annual campus security report are available at the Public Safety Office - West Building B122 and the college Web site.

If you wish pick up copies of the campus crime statistics and the annual campus security report, you should contact Joseph Foelsch, Jr., Director of Public Safety and Security at (212) 772-4521. Copies are available at the Main Campus, West Building, B122. The U.S. Department of Education's Web site address for campus crime statistics is http://ope.ed.gov/campussafety/#/institution/search CUNY Hunter College, New York City, New York, then "Continue"
officer of the presence on campus of a registered sex offender as a student or employee. You may contact the college's chief security officer, offenders” or access the directory at the college's public safety department or police precinct. To obtain information about Level 2 offenders, you

Joseph Foelsch, Jr, Director of Public Safety and Security at (212) 772-4521. Copies

www.criminaljustice.ny.gov/nsor/and then click on “Search for Level 3 Sex

CUNY’s Procedures for Implementing Reasonable Accommodations and Academic Adjustments.
The following federal, state, and local agencies enforce laws against discrimination:

- New York City Commission on Human Rights
- New York State Division on Human Rights
- U.S. Equal Employment Opportunity Commission
- United States Department of Justice
- United States Department of Education, Office for Civil Rights

Nutrition and Food Science Program Description

The competitive, 54-credit Nutrition and Food Science bachelor of science major (NFS-BS), begun junior or senior year, is a diverse science-based program where students learn about nutrients, foods and their effect on health. It offers a comprehensive study of the fundamental principles of nutrition, food science and safety, food service management and community nutrition education. The major prepares students to work in a variety of career settings. NFS majors can work with products for food companies. It is also possible to use foods and nutrition knowledge for jobs in advertising, marketing and in the mass media. Service professions.

Students can become consultants to television programs, or write articles on food for newspapers. Students may take steps after graduation to enter a graduate didactic program in dietetics (DPD) at Hunter or elsewhere to become registered dietitians (RD), or pursue graduate study in allied health, social work, scientific research, or other human service professions.

Note: The NFS-BS undergraduate major is not a didactic program in dietetics (DPD) and does not prepare the student to become a registered dietitian. At Hunter, the DPD is on graduate level (NUTR-MS).
The Section 504 Coordinator at Hunter College, Professor Bonnie Keilty, is responsible for enforcement of the provisions of Section 504. She may be contacted in 929 Hunter West, (212) 772-3129 or visit http://www.hunter.cuny.edu/dfa-office for assistance.

Under the auspices of the Office of AccessABILITY, the Access and Technology Center, located in room 300 of the Academic Building, serves students with permanent or temporary disabilities. It is staffed with professionals in the fields of educational psychology, educational technology, and educational counseling. The Center works closely with students to develop support services. These services include alternative note-taking, special testing accommodations, on-line note-taking, audio books, and academic advising.

The Center also accommodates students with temporary disabilities caused by an accident or short-term health conditions. Students are encouraged to contact the director of admissions at (212) 772-5774 for assistance.

A variety of exams are available for high school students to gain college credit before they enroll. Currently, Hunter College accepts the Advanced Placement (AP) exam, the International Baccalaureate (IB) exam, GCE (Tertiary Level) Advanced Level Examination Program (CLEP), Regents College Examinations (RCE), and College Level Examination Program (CLEP). Students who successfully complete these exams with grades of C or better may be granted as much as a year of degree credit (normally 30 credits) for Advanced Placement, International Baccalaureate, and CLEP exams. Hunter students may be granted as many as 30 credits by hosting high-performing students at the Summer Institute for accelerated coursework that is complemented by tutoring, college guidance and planning, and mathematics Regents exams. College Now offerings, including credit-bearing courses, are provided at no cost. Students interested in College Now can apply via the website at http://www.hunter.cuny.edu/college-now/apply.

Students at New York City public high schools may acquaint themselves with undergraduate life by participating in Hunter College Now. Hunter College Now provides high school students the opportunity to take college-level coursework, including the Summer Institute for college preparatory work. Activities range from workshops for sharpening writing or mathematics skills to college-level courses across the arts and sciences. Each summer, Hunter College Now focuses on the sciences and mathematics by hosting the Summer Institute for accelerated coursework that is complemented by college guidance and planning. Students who successfully complete these exams with grades of C or better may be granted as much as a year of degree credit (normally 30 credits) for Advanced Placement, International Baccalaureate, and CLEP exams. Hunter students may be granted as many as 30 credits by hosting high-performing students at the Summer Institute for accelerated coursework that is complemented by tutoring, college guidance and planning, and mathematics Regents exams. College Now offerings, including credit-bearing courses, are provided at no cost. Students interested in College Now can apply via the website at http://www.hunter.cuny.edu/college-now/apply.

As the Chief Academic Officer, the Provost works with the President and Deans to oversee academic policies and activities. Dr. Lon S. Kaufman is the Provost and Vice President for Academic Affairs at Hunter College. His office is responsible for the quality of all academic programs and activities. The Provost's Office acts as the College's chief operating officer, with the responsibilities of institutional, academic and sponsored programs planning, assessment and support. Areas under the Provost's leadership can be seen on the Hunter College website: http://www.hunter.cuny.edu/provost.
they can call 1.888.308.0013. Students need to score at least a 4 on the AP exam to earn credit and/or exemptions from requirements (some

ive students are also invited to visit the campus. Campus tours originate from the College Welcome Center, room 100 Hunter North.

To apply as a part-time student contact the Hunter College Welcome Center for an appropriate application.

allow students to practice their speaking skills. For more information about the classes offered, call (212) 774-4793 or visit the web site at

attendance, assignments, and examinations set by the instructor. Course requirements and standards are the same as in the letter grading system,

licies. On the other hand, there are some courses in which letter grades are not assigned. Departments or majors that restrict student choice of the
Pass/No Credit grades are not allowed for students on academic probation.

A maximum of four courses (including repeated courses) taken at Hunter College may be assigned a Pass/No Credit grade (and/or the discontinued designation of Credit/No Credit) on the Hunter College transcript, excluding any courses with mandatory P/N C (CR/NC) grading.

The grade of P shall be used to replace the academic grades of A, B, C and D. The grade of NC shall be used to replace the academic grade of F. It shall not be used to replace the grade of WU.

If (as a result of a student's request) a P/NC grade (and/or the discontinued designation of Credit/No Credit) is given where it is not an allowed grade according to existing college, departmental, or major regulations, it will be converted by the Registrar's office to the underlying grade entered by the instructor.

If, after requesting P/NC grading (and/or the discontinued designation of Credit/No Credit), a student receives an INC, the P/NC grade is applied when and only when the instructor changes the INC (or FIN) to a letter grade. A student's request for P/NC grading (and/or the discontinued designation of Credit/No Credit) will remain in place until a letter grade is earned.

Other colleges, graduate and professional schools, services, and employers may not favor Pass/No Credit grades. They may convert "Pass" to "D" and "No Credit" to "F" for their purposes. Such decisions are made by other institutions.

Before opting for P/NC grades, students should consult with advisors in the Office of Advising, in their academic program(s), and in the Office of Financial Aid. They should also check the policies of external financial-aid agencies.

How To Opt For Pass/No Credit

In order to select P/NC for a course, a student must complete a form available from the Office of the Registrar. The student must submit the form to the Office of the Registrar by 11:59 PM (Eastern Time) one calendar day prior to the last day of classes as indicated in the Hunter College academic calendar (also one day prior to the deadline to officially withdraw from a class with a grade of W). Notification of the student's P/NC choice will be sent to the course instructor by the Office of the Registrar. Students may not elect the P/NC grading option after these deadlines and there are no appeals allowed for late election.

Please note, once a student chooses a P/NC grade for a course, that choice is final and irrevocable. The form is not valid if the student's election of the P/NC grading option violates college-wide, departmental, or program-specific restrictions.

For information on whether a specific program or major restricts the use of the P/NC option, please read the program description of the program or major of interest in the catalog or check with departmental or program advisers.

NOTE: In the Spring and Fall semesters of 2020, some of the above policies were temporarily suspended by CUNY due to the COVID-19 pandemic. Selection of the CR/NC grading option for courses in the Spring and/or Fall 2020 semester do not count against college-wide or program-specific restrictions regarding (1) the number of P/NC (previously CR/NC) uses allowed per semester, (2) the maximum number of uses allowed of the P/NC (previously CR/NC) grading option in
Persona Non Grata Guideline

The College may restrict access to the campus by any visitor (i.e., a person who is neither a student nor an employee of Hunter College), including but not limited to guests, event attendees, and/or alumni whose conduct, after review by a panel of the Campus Safety Advisory Committee, is determined to be in violation of any rules and/or policies of Hunter College or the City University of New York or applicable New York State Law. This restriction may include revocation of alumni identification cards and/or other restrictions on access to Hunter College.

Philosophy

Return to: Faculty of the School of Arts and Sciences

Linda Martin Alcoff, Professor, Philosophy; BA, MA Georgia State, PhD Brown

Ian Blecher, Lecturer; BA Yale, MA, PhD Pittsburgh

Omar H. Dahbour, Professor, Philosophy; BA Trinity, MA Boston University, MA Columbia, PhD Chicago, PhD CUNY

Justin Garson, Associate Professor; BA Evergreen State, MA, PhD University of Texas
Beginning January 2000, students enrolling at Hunter College must prove their proficiency in reading, writing and mathematics through SAT scores, Regents scores or assessment tests prior to registration. Remedial courses are no longer offered by the college. ESL and non-proficient SEEK students are exempt from this policy, but must adhere to the following guidelines (see Admissions for information about ESL and SEEK designations): SEEK students must enroll in the appropriate basic skills workshop(s) prior to enrolling in their first semester at Hunter. SEEK students who do not gain proficiency in the pre-first semester workshops must take additional basic skills workshops during the semester. SEEK students must demonstrate proficiency within one year of enrollment at Hunter. SEEK students needing basic skills coursework must consult with the director of the SEEK Program for course access and availability. ESL students are placed in an appropriate developmental reading and/or writing course during their first semester and may continue taking developmental courses in their second semester, if needed. ESL students must demonstrate proficiency by the end of their fourth consecutive semester at Hunter. ESL students should see the ESL adviser in the English Department, Room 1212 Hunter West, for details about basic skills proficiency requirements.
Students planning to attend law school should take courses that develop writing skills and the ability to think critically and creatively; they may be of interest to students who wish to explore legal themes in the context of their undergraduate work. There are some areas of legal practice for which a specific undergraduate major or coursework in a particular field constitutes a legalet-school/course-selection. Students interested in law are encouraged to meet with the Pre-Law Adviser as early as possible to learn about opportunities to explore and pursue internships and full-time opportunities in various fields of business, including finance, consulting, marketing, and so on. Students interested in law may major or minor in any area (Biology, English, Urban Affairs, etc). Pre-Law Adviser, Elise Jaffe, at prelaw@hunter.cuny.edu. To keep up with Pre-Law events and opportunities on campus, students are also encouraged to subscribe to the Pre-Law Listserv by following the instructions that appear on the homepage of the Pre-Law Website. The Pre-Law Website. The Pre-Law Listserv by following the instructions that appear on the homepage of the Pre-Law Website.

Students planning to attend law school should take courses that develop writing skills and the ability to think critically and creatively; they may be of interest to students who wish to explore legal themes in the context of their undergraduate work. There are some areas of legal practice for which a specific undergraduate major or coursework in a particular field constitutes a legalet-school/course-selection. Students interested in law are encouraged to meet with the Pre-Law Adviser as early as possible to learn about opportunities to explore and pursue internships and full-time opportunities in various fields of business, including finance, consulting, marketing, and so on. Students interested in law may major or minor in any area (Biology, English, Urban Affairs, etc). Pre-Law Adviser, Elise Jaffe, at prelaw@hunter.cuny.edu. To keep up with Pre-Law events and opportunities on campus, students are also encouraged to subscribe to the Pre-Law Listserv by following the instructions that appear on the homepage of the Pre-Law Website. The Pre-Law Website.

For undergraduate students at Hunter College who are interested in following a pre-medical curriculum, Students can register with the Pre-Law Adviser as early as possible to learn about opportunities to explore and pursue internships and full-time opportunities in various fields of business, including finance, consulting, marketing, and so on. Students interested in law may major or minor in any area (Biology, English, Urban Affairs, etc). Pre-Law Adviser, Elise Jaffe, at prelaw@hunter.cuny.edu. To keep up with Pre-Law events and opportunities on campus, students are also encouraged to subscribe to the Pre-Law Listserv by following the instructions that appear on the homepage of the Pre-Law Website. The Pre-Law Website. The Pre-Law Website.

Students planning to attend law school should take courses that develop writing skills and the ability to think critically and creatively; they may be of interest to students who wish to explore legal themes in the context of their undergraduate work. There are some areas of legal practice for which a specific undergraduate major or coursework in a particular field constitutes a legalet-school/course-selection. Students interested in law are encouraged to meet with the Pre-Law Adviser as early as possible to learn about opportunities to explore and pursue internships and full-time opportunities in various fields of business, including finance, consulting, marketing, and so on. Students interested in law may major or minor in any area (Biology, English, Urban Affairs, etc). Pre-Law Adviser, Elise Jaffe, at prelaw@hunter.cuny.edu. To keep up with Pre-Law events and opportunities on campus, students are also encouraged to subscribe to the Pre-Law Listserv by following the instructions that appear on the homepage of the Pre-Law Website. The Pre-Law Website. The Pre-Law Website.

For undergraduate students at Hunter College who are interested in following a pre-medical curriculum, Students can register with the Pre-Law Adviser as early as possible to learn about opportunities to explore and pursue internships and full-time opportunities in various fields of business, including finance, consulting, marketing, and so on. Students interested in law may major or minor in any area (Biology, English, Urban Affairs, etc). Pre-Law Adviser, Elise Jaffe, at prelaw@hunter.cuny.edu. To keep up with Pre-Law events and opportunities on campus, students are also encouraged to subscribe to the Pre-Law Listserv by following the instructions that appear on the homepage of the Pre-Law Website. The Pre-Law Website.

For undergraduate students at Hunter College who are interested in following a pre-medical curriculum, Students can register with the Pre-Law Adviser as early as possible to learn about opportunities to explore and pursue internships and full-time opportunities in various fields of business, including finance, consulting, marketing, and so on. Students interested in law may major or minor in any area (Biology, English, Urban Affairs, etc). Pre-Law Adviser, Elise Jaffe, at prelaw@hunter.cuny.edu. To keep up with Pre-Law events and opportunities on campus, students are also encouraged to subscribe to the Pre-Law Listserv by following the instructions that appear on the homepage of the Pre-Law Website. The Pre-Law Website.

For undergraduate students at Hunter College who are interested in following a pre-medical curriculum, Students can register with the Pre-Law Adviser as early as possible to learn about opportunities to explore and pursue internships and full-time opportunities in various fields of business, including finance, consulting, marketing, and so on. Students interested in law may major or minor in any area (Biology, English, Urban Affairs, etc). Pre-Law Adviser, Elise Jaffe, at prelaw@hunter.cuny.edu. To keep up with Pre-Law events and opportunities on campus, students are also encouraged to subscribe to the Pre-Law Listserv by following the instructions that appear on the homepage of the Pre-Law Website. The Pre-Law Website.
Campus Implementation

The bringing of disciplinary charges shall automatically suspend that process. Any action taken by a college must come to a conclusion before disciplinary actions can be pursued. Following the completion of these procedures, the appropriate college official shall decide the appropriate next action, if any, to take. For example, the department chairperson may decide to place a report in the faculty member's personal file. When the department chairperson is available to investigate a complaint, the college president may assign an administrator to investigate.

Subsequent Action

The appeals chairperson is available to investigate a complaint, the college president may assign an administrator to investigate.

Students are encouraged to attempt to resolve complaints informally with the faculty member or to seek the assistance of the department chairperson or college president. If students have any questions about the applicable procedure to follow for a particular complaint, they shall be brought in extremely serious cases even though the college has not completed the entire investigative process described above; in that case,
Each campus shall implement these procedures and shall distribute them widely to administrators, faculty members and students and post them on the college Web site.

Procedures for Reporting Incidents of Sexual Assault and Other Forms of Violence

Professional and Pre-

Professional Majors: BS, BFA, BSW and BMus Degrees

These programs, each requiring approximately 60 credits in the area of specialization, lead to the BS, BFA, BSW or BMus degree.

The following programs are available. For details and names of advisers, see Programs of Study:

- Accounting BS (Economics Department)
- Studio Art BFA
- Community Health BS
- Music BMus
- Medical Laboratory Sciences BS
- Nursing BS
- Social Work BSW
- Nutrition and Food Science BS

As of summer 2009 BS majors may declare up to two BA minors. See the minor department.

Program and Courses in Chemistry

Overview

The Department of Chemistry offers courses for undergraduates who plan to major or minor in Chemistry, as well as for students pursuing other degrees within the college. Courses for majors prepare the students for professional work and further study in chemistry and other fields of pure and applied science. Courses for the non-science major are designed to introduce students to those essentials of chemical fact and theory which will contribute to the student's understanding of contemporary scientific knowledge.

The department is the largest chemistry department in CUNY in terms of student enrollment, and routinely ranks in the top 40 in the United States in graduating chemistry majors. The Hunter College Chemistry community has access to state-of-the-art research facilities such as Nuclear Magnetic Resonance, Mass Spectrometry, high resolution Transmission Electron Microscopy, X-ray, and Scanning Probe Microscopes. Major I provides students with intensive training for professional research and graduate study and is accredited by the American Chemical Society. Major II consists of three options: Option 1 (Chemistry) for students interested in the chemical industry; Option 2 (Biochemistry) for students interested in the pharmaceutical industry (accredited by the American Society for Biochemistry and Molecular Biology), medicine, dentistry, veterinary medicine or physical therapy; Option 3 (Bioinformatics) for students interested in graduate studies in biochemistry and bioinformatics as well as pharmaceutical and biotechnology industries.

Options 1-3 are all appropriate for students pursuing teacher education programs.

What can I do with my degree in Chemistry?

The department provides training for students planning careers in the chemical sciences, biology, medicine, earth sciences, secondary education, business, and law across the chemical enterprise in academia, industry, government, and private practice.

Programs and Courses

Program and Courses in Chemistry

Administration and Faculty
There are two chemistry majors: Major I, a 43-credit concentration in addition to an 11-credit general chemistry core, is designed to prepare the students with intensive training for professional research and graduate study. Major II consists of three options: Option 1 for students interested in the chemical industry; Option 2 (the biochemistry option) for students interested in the pharmaceutical industry, medicine, dentistry, veterinary medicine or physical therapy; Option 3 (bioinformatics option) for students interested in graduate studies in biochemistry and bioinformatics as well as pharmaceutical and biotechnology industry. Major I includes a minimum concentration of 28 credits (option 1), 29 credits (option 2), and 23.5 credits (option 3) in 200-level and above chemistry courses, in addition to an 11-credit general chemistry core. Options 1-3 are all appropriate for students pursuing teacher education programs.

Students considering a chemistry major should consult the departmental adviser during their first semester to plan the proper sequence of courses, and they are urged to consult with the adviser at least once each succeeding semester. A year of General Chemistry and the accompanying General Chemistry Laboratory are prerequisites for admission to both Major I and Major II.

Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to provide students with the opportunity to demonstrate proficiency in scientific research through the design, development, and presentation of an original, independent and substantive research question, as well as through data collection and analysis. A written thesis and oral presentation are required to fulfill the presentation component of the course. Mandatory participation in the thesis committee meetings are essential to the development of a well written thesis.

In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29101 or CHEM 29102. Course is repeatable. Fulfills part of the requirement for departmental honors.
This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available under the supervision of a chemistry faculty member. The purpose of this course is to provide students with the opportunity to demonstrate proficiency in scientific research through the design, development, and presentation of an original, independent and substantive research question, as well as through data collection and analysis. A written thesis and oral presentation are required to fulfill the presentation component of the course. Mandatory participation in the thesis committee meetings are essential to the development of a well written thesis.

In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29101 or CHEM 29102. Course is repeatable. Fulfills part of the requirement for departmental honors.

Electives
Advanced lecture courses in special areas of chemistry, and lab courses providing training in inorganic and organic chemistry and in research techniques, are offered as electives for Major I and are open to students enrolled in Major II who have fulfilled the course prerequisites.

Graduate Study
 Qualified chemistry majors may be admitted to 700-level courses in the graduate program. Permission of the department is required.

Teacher Education Pathway
Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Chemistry Major I - BA
The requirements for this major consist of a minimum of 54 credits in chemistry. This major is recommended for students preparing for admission to graduate school or for careers in chemical research. It will also be useful to students seeking a position in the chemical or allied industries, as it is accredited by the Committee on Professional Training of the American Chemical Society.

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.
Courses Required for the Chemistry Major (80-96 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Introductory Math Sequence (0-9 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH 12500 for grade replacement purposes.

prereq: MATH 10100/101EN - or - the appropriate score on the Mathematics placement test.

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH 15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
Chemistry Courses

Chose one introductory sequence (11 credits)

CHEM 10200 (STEM) - General Chemistry I

Hunter Core Scientific World (SW); Life and Physical Sciences (LPS) GER 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.

Primarily for premed, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec) 4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core Life and Physical Sciences (LPS) Scientific World (SW) GER

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec) 4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core Life and Physical Sciences (LPS); Scientific World (SW) Pluralism and Diversity GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200

coreq: CHEM 10400

6 hrs 3 cr.

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry
The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics. Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)

5.5 cr. offered spring

Required Chemistry Courses (42-45 credits)

CHEM 22200 - Organic Chemistry Lecture I
GER
3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I
GER
3/B
Various organic syntheses, distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs 2.5 cr.

CHEM 22400 - Organic Chemistry Lecture II
GER
3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500 - Organic Chemistry Laboratory II
Continuation of CHEM 22300. 

prereq: CHEM 22300 

prereq or coreq: CHEM 22400 

4 hrs 

2.5 cr 

CHEM 24900 - Quantitative Analysis

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

prereq: CHEM 10400 with grade of C or better, 10500 

5 hrs (3 lab, 2 rec) 

3 cr.

CHEM 34900 - Instrumental Analysis

Pluralism and Diversity

GER 3/B

Principles of modern instrumental techniques; emphasis on spectroscopic and electrochemical methods.

prereq: CHEM 35400 or 35600 with grade of C or better with 35500 

8 hrs (2 lec, 6 lab) 

5 cr

offered spring

CHEM 35200 - Physical Chemistry I

Pluralism and Diversity

GER 3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

prereq: CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better 

3 hrs 

3 cr.

offered fall

CHEM 35400 - Physical Chemistry II

Pluralism and Diversity

GER 3/B

Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
CHEM 35200, MATH 25000
3 hrs
3 cr.
offered fall

CHEM 35600 - Physical Chemistry II

GER GER 3/B
Selected topics from quantum chemistry, molecular structure, and spectroscopy.
prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better
3 hrs
3 cr.
offered spring

CHEM 35500 - Physical Chemistry Laboratory I

GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr.
offered fall

CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.
prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring

CHEM 36600 - Inorganic Chemistry

GER GER 3/B
Treatment of structure, bonding and reactivity of inorganic compounds.
prereq: CHEM 35200 with grade of C or better
CHEM 37600 - Biochemistry I

Ger 3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

Prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better

4 hrs (3 lec, 1 rec)

One further laboratory course must be chosen from (research), (honors research) or the following

CHEM 29102 - Chemical Investigations

Pluralism and Diversity

Ger 3/B

This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member.

The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.

In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000

Course is repeatable

Prereq: CHEM 22400, perm chair

8 hrs

In addition, one additional lecture course must be chosen from among the following*:

CHEM 32200 - Organic Chemistry Lecture III

Ger 3/B

Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.

Prereq: Chem 22404 with a grade of C or better OR Chem 22406 with a grade of C or better

3 hrs

CHEM 35400 - Physical Chemistry II

Ger 3/B

Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.

Prereq: CHEM 35200, MATH 25000

3 hrs
CHEM 35600 - Physical Chemistry II

GER 3/B

Selected topics from quantum chemistry, molecular structure, and spectroscopy.

prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better

3 hrs

3 cr.

offered spring

CHEM 37700 - Biochemistry II

GER 3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better

3 hrs

3 cr.

Also acceptable for completion of Major I are

PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.

prereq: PHYS 12000 or 12100

prereq or coreq: MATH 25000

4 hrs

4 cr.

Note: Students should be aware, however, that if either of the philosophy courses is used to complete the Major I requirements, the major will not be eligible for accreditation by the American Chemical Society.

Physics and Math Requirement (26-28 credits)

One year of physics, and four semesters of mathematics, are also required for this major.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core

Scientific World (SW) Life and Physical Sciences (LPS)

GER

2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

prereq or coreq: coreq (with perm dept.): MATH 15000
PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus. 

prereq: PHYS 11000 or 11100

prereq or coreq: (with perm dept): MATH 15500

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

MATH 15500 (STEM) - Calculus II

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

prereq: MATH 15000

prereq or coreq: MATH 15500

MATH 25000 - Calculus III
Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq:
MATH 15500, MATH 15600

4 hrs
4 cr.

MATH 25400
Ordinary Differential Equations

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

prereq:
MATH 25000

3 hrs
3 cr.

*These courses may be counted for credit in more than one program.

Additional Information
CHEM 24900, MATH 15000 (STEM) and MATH 15500 (STEM), and PHYS 12100 (STEM) are prerequisites for CHEM 35200 and should be completed by the end of the sophomore year.

Major I is required of all students who wish to be considered for certification by the American Chemical Society upon graduation. It is recommended for all students intending to enter the profession of chemistry through either graduate study or employment in industry or government. Students who can attend only in the evenings should consult the department adviser regarding the feasibility of completing Chemistry Major I.

Degree Map for Chemistry Major I

Chemistry Major II - BA

Return to: Programs of Study
Return to: Chemistry BA

Major II offers three options. Option 1 is for students interested in the chemical industry. Option 2 is for students preparing for admission to medical, dental or veterinary schools or who are interested in the pharmaceutical industry. Option 3 is for students interested in biochemistry or bioinformatics. See details below.

Chemistry Major II Options

• Chemistry Major II - Chemistry Option 1
• Chemistry Major II: Biochemistry Option 2
• Chemistry Major II: Bioinformatics Option 3

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019
Courses Required for the Chemistry Major II

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students who are exempt from MATH 10100 and MATH 12500 (STEM) do not have to make up the credits.

Chemistry Major II - Chemistry Option 1

Return to: Programs of Study
Return to: Chemistry BA
Return to: Chemistry Major II - BA

Courses Required for the Major (62-73 credits)

For students interested in a career in the chemical industry. It consists of a minimum of 28 credits in chemistry above the introductory level and an 11-credit general chemistry core for a minimum total of 39 credits of chemistry. One year of physics and three semesters of calculus are also required.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students who are exempt from MATH 10100/MATH 101EN, MATH 10150, MATH 12400 (STEM)/MATH 12500 (STEM)/MATH 12550 (STEM) and MATH 14000 do not have to make up the credits.

Required Chemistry Courses (39-41 cr.)

Choose One General Chemistry Sequence (11 cr.)

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS) GER 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.
MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)

4 cr.

CHEM 10400 (STEM)

General Chemistry II

Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW) GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.

prereq:

CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)

4 cr.

CHEM 10600 (STEM)

General Chemistry Laboratory

Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW) Pluralism and Diversity GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for premed, medical laboratory sciences and science majors.

prereq:

CHEM 10200

coreq:

CHEM 10400

6 hrs

3 cr.

CHEM 11200 (STEM)

Thermodynamics and Solution Chemistry

Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW) GER 2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics. Primarily for premed, medical laboratory sciences and science majors.

prereq:

CHEM 11100

9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)

5.5

offered spring

Organic Chemistry (13 cr.)

CHEM 22200

Organic Chemistry Lecture I

GER GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5 - 6 hrs (4 lec, 1 - 2 recitation/workshop)
4 cr.

CHEM 22400 - Organic Chemistry Lecture II
GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better
5 - 6 hrs (4 lec, 1 - 2 recitation/workshop)
4 cr.

Additional Required Courses (12 cr.)

CHEM 24900 - Quantitative Analysis
GER
GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.

CHEM 35200 - Physical Chemistry I
GER
3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

prereq: CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better
3 hrs
3 cr.

offered fall

CHEM 35400 - Physical Chemistry II - F
Pluralism and Diversity
GER 3/B

Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and rate processes.
prereq: CHEM 35200, MATH 25000
3 hrs
3 cr.
offered fall
CHEM 35500
- Physical Chemistry Laboratory I
GE R 3/B
Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.
prereq: CHEM 24900
prereq or coreq: CHEM 35200
3 hrs
1.5 cr.
offered fall
CHEM 35700
- Physical Chemistry Laboratory II
Pluralism and Diversity
GER R 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.
prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600
3 hrs
1.5 cr.
offered spring
Required Elective Course (3-5 cr.)
• Any chemistry course at the 300 level or above excluding CHEM 49101
Required Math Courses (12-22 cr.)
MATH 10100
- Algebra for College Students
Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.
MATH 10150
- Mastery of Symbolic Computation
This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.
prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN or the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

MATH 15000 (STEM) - Calculus I

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. 

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

MATH 15500 (STEM) - Calculus II

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

MATH 1560 - Introduction to Mathematical Proof Workshop
Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs 1 cr.

MATH 25000 - Calculus III
GER 3/B Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600
4 hrs 4 cr.

Required Physics Courses (11 cr.)

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core Scientific World (SW) Life and Physical Sciences (LPS) GER 3/B For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec) 5.5 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core Scientific World (SW); Life and Physical Sciences (LPS) GER 3/B Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec) 5.5 cr.

*Note: These courses may be counted for credit in more than one program.
Physics, one year of biology and one year of calculus are also required. Based on placement exams or transferred courses, students may place into make up the credits.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq:
CHEM 10200

coreq:
CHEM 10400

6 hrs
3 cr.

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core Life and Physical Sciences (LPS) Scientific World (SW) GER 2/E

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.

Primarily for pre-med, medical laboratory sciences and science majors.

prereq:
CHEM 11100

9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)

5.5

offered spring

Organic Chemistry (13 cr.)
CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq:
CHEM 10400 with a grade of C or better

5 - 6 hrs (4 lec, 1 - 2 recitation/workshop)

4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER
3/B

Various organic syntheses, distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register

prereq:
CHEM 10500 OR CHEM 10600 OR CHEM 11200

coreq:
CHEM 22301

prereq or coreq:
CHEM 22204 OR CHEM 22206

3 hrs
2.5 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500 - Organic Chemistry Laboratory II
GER 3/B
Continuation of CHEM 22300.
Prereq: CHEM 22300
Prereq or Coreq: CHEM 22400
4 hrs 2.5 cr.

Additional Required Chemistry Courses (13 cr.)

CHEM 35000 - Biophysical Chemistry
Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
Prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 37600 - Biochemistry I
GER 3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
Prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

CHEM 37700 - Biochemistry II
GER 3/B
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
Prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs 3 cr.
A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.

prereq: ENGL 12000, CHEM 22500 with grade of C or better
prereq or coreq: CHEM 37700 or CHEM 64100
5 hrs (4 lab, 1 rec)
3 cr.

Required Elective Course (3 cr.)
Any chemistry course at the 300 level or above excluding CHEM 34900 Instrumental Analysis and CHEM 49101 Introduction to Research. Also acceptable CHEM 24900 Quantitative Analysis.

Required Biology courses (9 cr.)
BIOL 10000 (STEM) - Principles of Biology I
Hunter Core Life and Physical Sciences (LPS); Scientific World (SW); Pluralism and Diversity PD/C or D
GER 2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only
BIOL 10200 (STEM) - Principles of Biology II
Hunter Core Scientific World (SW); Life and Physical Sciences (LPS); Pluralism and Diversity
GER 2/E
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
Required Math Courses (8-17 cr.)

MATH 10100 - Algebra for College Students
Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation
This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN or the appropriate score on the Mathematics placement test.

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I
This course is part of the Hunter Core Math/Quantitative Reasoning (MQR) GER 1/B.

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
MATH 15500 (STEM) - Calculus II

Hunter Core: Math/Quantitative Reasoning

GER 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs

4 cr.

Required Physics Courses (9 cr.)

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core: Life and Physical Sciences (LPS); Scientific World (SW)

GER 2/E

First semester of two-semester introductory physics course using algebra.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500

7 hrs (3 lec, 3 lab, 1 rec)

4.5 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core: Scientific World (SW); Life and Physical Sciences (LPS)

GER 2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

prereq: PHYS 11000 or 11100

7 hrs (3 lec, 3 lab, 1 rec)

4.5 cr.

*Note: These courses may be counted for credit in more than one program.
C grade is allowed in these four courses to declare Option 3. This option consists of a minimum of 23.5 credits above the introductory level and

12500 (STEM)/MATH 12550 (STEM) and MATH 14000 do not have to make up the credits.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs 3 cr.

CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Hunter Core Life and Physical Sciences (LPS) Scientific World (SW) GER

The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.

Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 11100
9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5 offered spring

Organic Chemistry (10.5 cr.)
CHEM 22200 - Organic Chemistry Lecture I

GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER 3/B
Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register

prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs 2.5 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER 3/B
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq:
CHEM 22200 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

Additional Required Chemistry Courses (13 cr.)

CHEM 350 - Biophysical Chemistry

Pluralism and Diversity

GER 3/B

Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.

prereq:
CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better

5 hrs (4 lec, 1 rec)

4 cr

CHEM 37600 - Biochemistry I

GER 3/B

Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq:
CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better

4 hrs (3 lec, 1 rec)

3 cr.

CHEM 37700 - Biochemistry II

GER 3/B

Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

prereq:
CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better

3 hrs

3 cr.

CHEM 33300 - Computational Drug Discovery

Computational exercises and literature analyses of drug-macromolecule interactions, computer-assisted drug design, metabolic engineering, and personalized medicine.

prereq:
CHEM 37600 or BIOL 30000 or permission of the instructor

3 hrs

3 cr.

offered spring

Required Biology Courses (12 cr.)
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

3 hrs
3 cr.
Topics in algebra, graphing and functions includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

Prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)

3 cr.

MATH 101EN - Algebra for College Students - Enhanced

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 12500.

Prereq: Department Permission

6 hrs

3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus - level mathematics and elementary statistics.

Prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs

1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, and logarithmic functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

Prereq: MATH 10100/101EN or the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs

4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

Prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs

1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core Math/Quantitative Reasoning GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

MATH 15500 (STEM) - Calculus II
4 hrs
4 cr.
MATH 15500

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

STAT 21300 (STEM) - Introduction to Applied Statistics
3 hrs
3 cr.
STAT 21300

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

Required Physics Courses (9 cr.)

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
PHYS 11000

First semester of two-semester introductory physics course using algebra.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
PHYS 12000

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

prereq: PHYS 11000 or 11100
CSCI 13200 - Practical UNIX and Programming, with Lab
GER 2/E
An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.

This course cannot be counted towards the CSCI major.
prereq: none

CSCI 23200 - Relational Databases and SQL Programming, with Lab
GER 3/B
An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.

Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200

Note: These courses may be counted for credit in more than one program.

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

Prerequisite or corequisite: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)

4 cr.

MATH 15000 (STEM) - Calculus I

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

Prerequisite: MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND corequisite MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs

4 cr.

ENGL 12000 - Expository Writing

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

Prerequisite: Successful completion of developmental courses, if required

3 hrs + conf

3 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

Prerequisite or corequisite: Corequisite (with permission of department): MATH 15000

8 hrs (4 lec, 3 lab, 1 rec)

5.5 cr.

Spring

MATH 15500 (STEM) - Calculus II
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

Prereq: grade of C or better in MATH 15000

4 hrs
4 cr.

CHEM 10400 (STEM) - General Chemistry II

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.

Prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for premed, medical laboratory sciences and science majors.

Prereq: CHEM 10200
Coreq: CHEM 10400

6 hrs
3 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

Prereq: PHYS 11000 or 11100
Prereq or coreq: (with perm dept): MATH 15500

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

Sophomore Year
Fall

ENGL 22000 - Introduction to Writing about Literature (W)

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour
3 cr.

MATH 25000 - Calculus III

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600

4 hrs
4 cr.

CHEM 22200 - Organic Chemistry Lecture I

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register

prereq or coreq: CHEM 22204 OR CHEM 22206

3 hrs
2.5 cr.

Spring
CHEM 22400
Organic Chemistry Lecture II
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
prereq: CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22500
Organic Chemistry Laboratory II
Continuation of CHEM 22300.
prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

• FOREIGN LANGUAGE Elementary Level 1
• US Experience in Its Diversity (USED)
• ELECTIVE

Junior Year
Fall
CHEM 24900
Quantitative Analysis
A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.
prereq: CHEM 10400 with grade of C or better, 10500
5 hrs (3 lab, 2 rec)
3 cr.

• FOREIGN LANGUAGE Elementary Level 2
• Individual and Society (Social Sciences) I&S SS
• ELECTIVE

Spring
CHEM 34900 - Instrumental Analysis

Pluralism and Diversity

GER 3/B

Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

prereq: CHEM 35400 or 35600 with grade of C or better with 35500

8 hrs (2 lec, 6 lab)

5 cr

offered spring

ELECTIVE

• Individual and Society (Humanities) I&S H
• FOREIGN LANGUAGE Intermediate Level 3

Senior Year

Fall

CHEM 35200 - Physical Chemistry I

GER 3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

prereq: CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better

3 hrs

3 cr.

offered fall

CHEM 35500 - Physical Chemistry Laboratory I

GER 3/B

Laboratory course involving experiments based on topics covered in CH EM 35200 on chemical systems.

prereq: CHEM 24900

prereq or coreq: CHEM 35200

3 hrs

1.5 cr.

offered fall

• Creative Expression (CE)
• FOREIGN LANGUAGE Intermediate Level 4
• ELECTIVE

Spring
CHEM 35600 - Physical Chemistry II

Selected topics from quantum chemistry, molecular structure, and spectroscopy.

prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better

3 hrs, 3 cr. offered spring

CHEM 35700 - Physical Chemistry Laboratory II

Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600

3 hrs, 1.5 cr. offered spring

• World Cultures & Global Issues (WCGI)
• Individual and Society (Humanities) I&S H
• ELECTIVE (if needed)
• ELECTIVE (if needed)

Notes:
For students who place below MATH 15000, please note the following Math sequence:

• MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

• *CHEM 111 and CHEM 112 are sequence options in place of CHEM 102, CHEM 104 and CHEM 106
• If taking CHEM 111, this is a special honors course and is a prerequisite for CHEM 112.
• CHEM 34900 is the recommended elective but CHEM 32200, 36600, 37600 or 38800 are acceptable.
• All electives require departmental permission.

• In Junior and senior year, a 300-level chemistry course must be taken.

Degree Map for Chemistry Major II - Option 2

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year
- Fall
  - CHEM 10200 (STEM) General Chemistry I
  - MATH 15000 (STEM) Calculus I
  - ENGL 12000
- Spring
  - MATH 15500 (STEM) Calculus II
  - Hunter Core Math/Quantitative Reasoning
  - GER 1/B
    - Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
    - prereq:
      - grade of C or better in MATH 15000
    - 4 hrs
    - 4 cr.
  - CHEM 10400 (STEM) General Chemistry II
    - Hunter Core Life and Physical Sciences (LPS); Scientific World (SW)
    - GER 2/E
    - In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.
    - Primarily for premed, medical laboratory sciences and science majors.
    - prereq:
      - CHEM 10200 with grade of C or better
    - 5 hrs
    - (4 lec, 1 rec)
    - 4 cr.
  - CHEM 10600 (STEM) General Chemistry Laboratory
    - Hunter Core Life and Physical Sciences (LPS); Scientific World (SW)
    - GER 2/E
    - Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
    - Primarily for premed, medical laboratory sciences and science majors.
    - prereq:
      - CHEM 10200
    - coreq:
      - CHEM 10400
    - 6 hrs
    - 3 cr.
  - BIOL 10000 (STEM) Principles of Biology I
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.

spring only

Sophomore Year

Fall

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core

English Comp (EC)

GER

GER 3/B

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour

3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5 - 6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register...
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200

coreq: CHEM 22301

prereq or coreq: CHEM 22204 OR CHEM 22206

3 hrs 2.5 cr.

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core Scientific World (SW); Life and Physical Sciences (LPS) Pluralism and Diversity PD/C or D GER 2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIO L 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only


prereq: CHEM 22200 with a grade of C or better

5 - 6 hrs (4 lec, 1 - 2 recitation/workshop)

4 cr.

CHEM 22500 - Organic Chemistry Laboratory II GER 3/B Continuation of CHEM 22300.

prereq: CHEM 22300

prereq or coreq: CHEM 22400

4 hrs 2.5 cr

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
GER 2/E

First semester of two-semester introductory physics course using algebra. 

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500

7 hrs (3 lec, 3 lab, 1 rec)  4.5 cr.

• FOREIGN LANGUAGE Elementary Level 1
• US Experience in Its Diversity (USED)

Junior Year

Fall
CHEM 37600 - Biochemistry I
GER 3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better

4 hrs (3 lec, 1 rec)  3 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

prereq: PHYS 11000 or 11100

7 hrs (3 lec, 3 lab, 1 rec)  4.5 cr.

• CHEM elective (CHEM 24900 is recommended but CHEM 32200, CHEM 36600, CHEM 36900, CHEM 37000, CHEM 37100, CHEM 36800, CHEM 3300, CHEM 39200, or CHEM 38800 are acceptable.) All electives require departmental permission.

• Individual and Society (Social Sciences) I&S SS

Spring
CHEM 37700 - Biochemistry II
GER 3/B
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better

3 hrs
3 cr.

CHEM 37800 - Biochemistry Laboratory (W)

GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays.

prereq: ENGL 12000, CHEM 22500 with grade of C or better

prereq or coreq: CHEM 37700 or CHEM 64100

5 hrs (4 lab, 1 rec)
3 cr.

CHEM 35000 - Biophysical Chemistry

Pluralism and Diversity
GER 3/B

Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.

prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better

5 hrs (4 lec, 1 rec)
4 cr

• Individual and Society (Humanities) I&S H
• FOREIGN LANGUAGE Intermediate Level 3

Senior Year

Fall
• Creative Expression (CE)
• FOREIGN LANGUAGE Intermediate Level 4

Spring
• World Cultures & Global Issues (WCGI)
• Individual and Society (Humanities) I&S H
• ELECTIVE (if needed)
• ELECTIVE (if needed)

Notes:
Students who place below MATH 15000: please note the following Math sequence:
MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

*CHEM 11100 and CHEM 11200 are sequence options in place of CHEM 10200, CHEM 10400 and CHEM 10600
If taking CHEM 11100, this is a special honors course and is a prerequisite for CHEM 11200.

In junior and senior year, a 300-level chemistry course must be taken.

For Chemistry Elective, CHEM 24900 is recommended but CHEM 32200, CHEM 36600, CHEM 39200, CHEM 33300, CHEM 36000, CHEM 36800, CHEM 36900, CHEM 37000, CHEM 37100, CHEM 38800 or CHEM 38800 are acceptable. All elective courses require departmental permission.

Minor in Chemistry

A minor in Chemistry consists of 27–27.5 credits as follows:

1. Before declaring the minor, students must complete 11 cr of foundational courses:
   - CHEM 10200 (STEM) General Chemistry I
   - CHEM 10400 (STEM) General Chemistry II
   - CHEM 10600 (STEM) General Chemistry Laboratory
   - or
   - CHEM 11200 (STEM) General Chemistry I
   - CHEM 10300 (STEM) General Chemistry Laboratory I
   - CHEM 10400 (STEM) General Chemistry II
   - CHEM 10500 (STEM) General Chemistry Laboratory II

2. An additional 13–13.5 credits of course work, including the required courses below:

3. One 3-credit elective from Chemistry offerings numbered 300.

Required courses for the Minor:

- CHEM 22200 - Organic Chemistry Lecture I
  - GER 3/B Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms. Prereq: CHEM 10400 with a grade of C or better. 5–6 hrs (4 lec, 1–2 recitation/workshop) 4 cr.

- CHEM 22300 - Organic Chemistry Laboratory I
  - GER 3/B Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy. Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously. Prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200.
CHEM 22301

prereq or coreq:
CHEM 22204 OR CHEM 22206

3 hrs
2.5 cr.

CHEM 22400

Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq:
CHEM 22200 with a grade of C or better

5 - 6 hrs (4 lec, 1 - 2 recitation/workshop)

4 cr.

CHEM 22500

Organic Chemistry Laboratory II

GER
3/B

Continuation of CHEM 22300.

prereq:
CHEM 22300

prereq or coreq:
CHEM 22400

4 hrs
2.5 cr

• Elective: Any 300 Level (3 cr)

Degree Map for Chemistry Major II Option 3 Bioinformatics BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall
CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.
MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq:
MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER 1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq:
successful completion of developmental courses, if required

3 hrs + conf
3 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq:
grade of C or better in MATH 15000

4 hrs
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER 2/E
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.

Prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)

4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core: Life and Physical Sciences (LPS); Scientific World (SW); Pluralism and Diversity

GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for premed, medical laboratory sciences and science majors.

Prereq: CHEM 10200

Coreq: CHEM 10400

6 hrs

3 cr.

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core: Life and Physical Sciences (LPS); Scientific World (SW); Pluralism and Diversity

PD/C or D GER 2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

Prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

Spring only

Sophomore Year

Fall

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core: English Comp (EC); GER 2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

Prereq: ENGL 12000
CHEM 22200 - Organic Chemistry Lecture I
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms. 
prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300 - Organic Chemistry Laboratory I
Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy. 
Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.
Note: Students must register
prereq: CHEM 10500 OR CHEM 10600 OR CHEM 11200 
coreq: CHEM 22301
prereq or coreq: CHEM 22204 OR CHEM 22206
3 hrs
2.5 cr.

BIOL 10200 (STEM) - Principles of Biology II
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D
GER 2/E
Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology. 
Material fee: $5
PD credit awarded only upon completion of BIO L 10000 and 10200.
prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
fall only

• Individual and Society (Humanities) I&S H

CHEM 22400 - Organic Chemistry Lecture II
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**prereq:** CHEM 22200 with a grade of C or better

*5 - 6 hrs (4 lec, 1 - 2 recitation/workshop)*

*4 cr.*

**PHYS 11000 (STEM)**

**General Physics:** Introductory Course in Mechanics, Heat, and Sound

**Hunter Core**

Life and Physical Sciences (LPS); Scientific World (SW)

**GER 2/E**

First semester of two-semester introductory physics course using algebra.

**prereq:** MATH 12400 or 12500 or 12550 or 15000 or 15500

*7 hrs (3 lec, 3 lab, 1 rec)*

*4.5 cr.*

**CSCI 13200**

**Practical UNIX and Programming, with Lab**

**Hunter Core**

Scientific World (SW)

**GER 2/E**

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities.

A pragmatic course with an emphasis on skills acquisition.

This course cannot be counted towards the CSCI major.

**prereq:** none

*3 hrs 3 cr.*

**Foreign Language Requirement**

**Elementary Level 1**

**Junior Year**

**Fall**

**PHYS 12000 (STEM)**

**General Physics:** Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

**Hunter Core**

Scientific World (SW); Life and Physical Sciences (LPS)

**GER 2/E**

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

**prereq:** PHYS 11000 or 11100

*7 hrs (3 lec, 3 lab, 1 rec)*

*4.5 cr.*
CHEM 37600 - Biochemistry I
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.
prereq: CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)
3 cr.

BIOL 42500 - Computational Molecular Biology
An introduction to the interdisciplinary field of computational molecular biology.
Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology.
Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures.
The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.
Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics concentration students from all majors.
prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab
An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

FOREIGN LANGUAGE Elementary Level 2
Spring
CHEM 35000 - Biophysical Chemistry
Pluralism and Diversity GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.
prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better
5 hrs (4 lec, 1 rec)
4 cr

STAT 21300 (STEM) - Introduction to Applied Statistics
Hunter Core Math/Quantitative Reasoning GER
Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

• Individual and Society (Social Sciences) I&S SS
• FOREIGN LANGUAGE Intermediate Level 3

Senior Year
Fall
CHEM 37700 - Biochemistry II
GER 3/B
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.
prereq: CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs
3 cr.
• FOREIGN LANGUAGE Elementary Level 4
• Creative Expression (CE)

Spring
• World Cultures & Global Issues (WCGI)
• Individual and Society (Humanities)
• CHEM 33300 Computational Drug Discovery

Notes:
Students who place below MATH 15000, please note the following Math sequence:
MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MATH 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

*CHEM 11100 and CHEM 11200 are sequence options in place of CHEM 10200, CHEM 10400 and CHEM 10600
If taking CHEM 11100, this is a special honors course and is a prerequisite for CHEM 11200.
CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Essential facts, laws, and theories of general chemistry. Primarily for nursing, nutrition and food science and community health education students. Core credit only if both lecture and the corresponding lab are completed.

**Prerequisites or corequisites:**
- MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

**CHEM 10100** - Inquiries into the Nature of Matter

Hunter Core
- Life and Physical Sciences (LPS)
- Scientific World (SW)

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students. Primarily for nursing, nutrition and food science and public health students.

**CHEM 10200 (STEM)** - General Chemistry I

Hunter Core
- Scientific World (SW)
- Life and Physical Sciences (LPS)

An in-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

**Prerequisites or corequisites:**
- MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

**CHEM 10300 (STEM)** - General Chemistry Laboratory I

Hunter Core
- Life and Physical Sciences (LPS)
- Scientific World (SW)

Study of experiments designed to illustrate fundamental laws and techniques of chemistry. Core credit awarded only if CHEM 10200 (STEM) and CHEM 10300 (STEM) are completed. Primarily for pre-med, medical laboratory sciences and science majors.

Offered only for special honors.

**Prerequisites or corequisites:**
- CHEM 10200

1.5 cr.
CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10500 (STEM) - General Chemistry Laboratory II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

Pluralism and Diversity

GER 2/E

Laboratory experiments illustrating and applying theory of solutions to qualitative analysis. Offered for transfer students who have completed only one semester of General Chemistry Laboratory.

prereq: One semester of General Chemistry Laboratory.

prereq or coreq: CHEM 10400

3 hrs
1.5 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity

GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200

coreq: CHEM 10400

6 hrs
3 cr.

CHEM 11100 (STEM) - Chemical Principles

Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity

GER 2/E

In-depth introduction to chemical principles including measurement, stoichiometric calculations, inorganic nomenclature, gas law, equilibrium, acids, bases and buffers. Emphasis is placed on problem-solving, oral presentations, and collaborative work. Laboratory and coursework emphasize analysis and evaluation of data. Primarily for premed, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or 12500 or 12550

9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)
5.5 cr.
The study of quantum theory, atomic structure, periodic properties of the elements, kinetics, electrochemistry, and thermodynamics.

Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 11100

9 hrs (4 hrs lec, 3 hrs lab, 2 hrs workshop)

5.5 offered spring

CHEM 11500 - Introductory Chemistry

An introduction to the fundamental concepts in chemistry including atomic and molecular structure, chemical bonding, stoichiometry, and solution chemistry.

This course is appropriate for students who have had no prior coursework in chemistry.

prereq or coreq: MATH 12400 or 12500 or 12550

4 hrs (3 lec, 1 rec)

3 cr.

CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture

Hunter Core

Life and Physical Sciences (LPS): Scientific World (SW)

Pluralism and Diversity

GER 2/E Course

Course presents essential facts, laws and theories of organic chemistry.

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

prereq: CHEM 10000

4 hrs (3 lec, 1 rec)

3 cr.

CHEM 12100 (STEM) - Essentials of Organic Chemistry Laboratory

Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity

GER 2/E Course

Experiments designed to illustrate fundamental laws and techniques of organic chemistry.

Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100

prereq or coreq: CHEM 12000

3 hrs (3 lab)

1.5 cr.

CHEM 15000 - Peer-Led Teaching in Chemistry
Students learn to become peer leaders for workshops held in either Essentials of Chemistry, General Chemistry, or Organic Chemistry. Topics include: multiple intelligences and differences in learning styles; basic theory of learning; issues related to race, class, and gender.

**CHEM 22200 - Organic Chemistry Lecture I**

*GER 3/B*

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**Prerequisites:**
CHEM 10400 with a grade of C or better

**Credit Hours:** 5-6 hrs (4 lec, 1-2 recitation/workshop)

**Credit:** 4 cr.

**CHEM 22300 - Organic Chemistry Laboratory I**

*GER 3/B*

Various organic syntheses, distillation, extraction, chromatography, qualitative analysis, spectroscopy.

**Note:** Students must register for CHEM 22300 and CHEM 22301 simultaneously.

**Prerequisites:**
- CHEM 10500 OR CHEM 10600 OR CHEM 11200
- Corequisite: CHEM 22301
- Prerequisites or Corequisites: CHEM 22204 OR CHEM 22206

**Credit Hours:** 3 hrs

**Credit:** 2.5 cr.

**CHEM 22301 - Organic Chemistry 1 Lab Recitation**

Recitation required for Organic 1 Laboratory

**Credit Hours:** 1 hr.

**Credit:** 0 cr.

**CHEM 22400 - Organic Chemistry Lecture II**

*GER 3/B*

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**Prerequisites:**
- CHEM 22200 with a grade of C or better

**Credit Hours:** 5-6 hrs (4 lec, 1-2 recitation/workshop)

**Credit:** 4 cr.

**CHEM 22500 - Organic Chemistry Laboratory II**

*GER 3/B*
CHEM 22300
Continuation of CHEM 22300.

prereq:
CHEM 22300
prereq or coreq:
CHEM 22400

4 hrs
2.5 cr

CHEM 22501
Organic Chemistry 2 Lab Rec
Recitation required for Organic 2 Laboratory

CHEM 24900
Quantitative Analysis
GER
GER 3/B
A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

prereq:
CHEM 10400 with grade of C or better, 10500

5 hrs (3 lab, 2 rec)
3 cr.
fall

CHEM 29101
Chemical Investigations
Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member.
The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.
In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000
Course is repeatable
prereq:
Department Consent Required

4 hrs
1 cr.

CHEM 29102
Chemical Investigations
Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member.
The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.
In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000
Course is repeatable
prereq:
CHEM 22400, perm chair

8 hrs
2 cr.
CHEM 29500 - Introduction to Planning and Teaching of Laboratory Work in Chemistry

Participate in supervised teaching experiments that demonstrate important principles of chemistry.

prereq: CHEM 10400, CHEM 10500, two letters from faculty who have taught the student

5 hrs (2 planning, 3 lab)
2 cr.

CHEM 32200 - Organic Chemistry Lecture III

GER 3/B
Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.

prereq: Chem 22404 with a grade of C or better OR Chem 22406 with a grade of C or better

3 hrs
3 cr.
offered fall

CHEM 33300 - Computational Drug Discovery

Computational exercises and literature analyses of drug-macromolecule interactions, computer-assisted drug design, metabolic engineering, and personalized medicine.

prereq: CHEM 37600 or BIOL 30000 or permission of the instructor

3 hrs
3 cr.
offered spring

CHEM 34900 - Instrumental Analysis

Pluralism and Diversity
GER 3/B
Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

prereq: CHEM 35400 or 35600 with grade of C or better with 35500

8 hrs (2 lec, 6 lab)
5 cr
offered spring

CHEM 35000 - Biophysical Chemistry

Pluralism and Diversity
GER 3/B
Essential physical chemical principles as applied to biological problems. Emphasis on kinetics, thermodynamics, and equilibria.

prereq: CHEM 22404 OR CHEM 22406 AND CHEM 37600 AND BIOL 10200 AND MATH 15000 AND PHYS 12000, all with a grade of C or better

5 hrs (4 lec, 1 rec)
4 cr

CHEM 35100 - Biophysics Laboratory
Basic theory and application of a variety of spectroscopic techniques used to determine structure, function and other properties of biological molecules.

**CheM 37600 - Physical Chemistry I**
Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general. 

**CheM 35000 - Introduction to Physical Chemistry**
Selected topics from statistical thermodynamics, electrochemistry, kinetic theory and reaction processes. 

**CheM 35200 - Physical Chemistry Laboratory I**
Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.

**CheM 35400 - Physical Chemistry II**
Selected topics from quantum chemistry, molecular structure, and spectroscopy.

**CheM 35500 - Physical Chemistry Laboratory II**
Laboratory course involving experiments based on topics covered in CHEM 35500.
CHEM 35700 - Physical Chemistry Laboratory II

Pluralism and Diversity
GER 3/B
Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.
prereq: CHEM 24900 or perm chair prereq or coreq: CHEM 35600
3 hrs 1.5 cr.
offered spring

CHEM 36000 - Introduction to Nanotechnology

This course introduces students to the underlying principles and applications of the emerging fields of nanotechnology and nanoscience. Intended for a multidisciplinary audience with a variety of backgrounds, the course introduces tools and principles relevant at the nano scale dimension. The course discusses current and future nanotechnology applications in engineering, materials, physics, chemistry, biology, electronics, and energy.
prereq: CHEM 35000 or CHEM 35200 coreq: CHEM 35600
3 hrs 3 cr.
offered fall

CHEM 36600 - Inorganic Chemistry

GER
GER 3/B
Treatment of structure, bonding and reactivity of inorganic compounds.
prereq: CHEM 35200 with grade of C or better
3 hrs 3 cr.
offered fall

CHEM 36700 - Inorganic Chemistry Laboratory (W) (Spring 2020)

Inorganic Chemistry laboratory will provide an introduction to the fundamental principles of inorganic chemistry, synthesis and characterization of a variety of inorganic and organometallic compounds using analytical techniques including FTIR, NMR, UV-Visible spectroscopy, electrochemistry, and some simple methods such as melting and/or boiling points.
prereq: CHEM 36600 and CHEM 22500 all with C or better, ENGL 12000
4 hrs, (4 lab) 2 cr.

CHEM 36800 - Structural Biology (W) (Spring 2020)

This course introduces students to the applications of molecular spectroscopy and other emerging techniques used to study the structure, the molecular interactions and the self-assembly of biomolecules. The course will be taught in a mixed format including lectures, computer laboratory projects, student discussions on journal papers, and a final writing/oral presentation project.
prereq: Department Permission Required, CHEM 37600 and either CHEM 35000 or CHEM 35200 all with C or better, ENGL 12000 prereq or coreq: CHEM 37700 with C or better

For boiling points.

Final writing/oral presentation project.
This course will cover mechanisms of polymerization reactions of monomers and molecular weight distributions of products; principles, limitations and advantages of important reactions; relationship of physical properties to structure and composition; correlations of applications with chemical structure.

prereq:
CHEM 22400 with C or better, Department Permission Required

CHEM 37000 - Medicinal Chemistry
The course will cover principles of drug discovery, drug design and drug action.

prereq:
CHEM 37600 with C or better or BIO 30000 with C or better; Department Permission Required

CHEM 37100 - Biological Spectroscopy
Covers basic theory and application of a variety of spectroscopic techniques used to determine structure, function and other properties of biological molecules.

prereq:
CHEM 37600 with C or better or BIO 30000 with C or better

CHEM 37600 - Biochemistry I
GER
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication and expression.

prereq:
CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better
4 hrs (3 lec, 1 rec)

CHEM 37700 - Biochemistry II
GER
Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

prereq:
CHEM 37600 with grade of C or better OR BIOL 30000 with grade of C or better
3 hrs

CHEM 37800 - Biochemistry Laboratory (W)
GER

A set of laboratory experiments, performed by individual students, covering important areas of biochemistry such as protein analysis, enzyme purification, enzymatic assays, recombinant DNA and the polymerase chain reaction.

prereq:
ENGL 12000, CHEM 22500 with grade of C or better

prereq or coreq:
CHEM 37700 or CHEM 64100

5 hrs (4 lab, 1 rec)
3 cr.

CHEM 38800
Topics of Current Interest in Chemistry
Pluralism and Diversity
GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.

prereq or coreq:
CHEM 35200 and CHEM 35600 or perm instr.

3 hrs
3 cr.

CHEM 39000
Current Laboratory Methods in Chemistry
Pluralism and Diversity
GER 3/B
Offered subject to adequate student interest and enrollment. Taught by specialists from department faculty. The specific topic will be listed in the schedule of classes for a given semester.

prereq or coreq:
CHEM 35700 or perm instr.

4 hrs
2 cr.

offered spring

CHEM 39200
Introduction to Radiochemistry
Introduction to Radiochemistry is a lecture course with a laboratory component. The course will provide an introduction to the fundamental principles of radiochemistry, radioactive counting instrumentation, radioisotope production and applications of radiochemistry.

prereq:
CHEM 22400 and CHEM 22500
coreq:
CHEM 35000 or CHEM 35200

5 hrs (2 lecture, 3 lab)
3 cr.

CHEM 49101
Introduction to Research
Pluralism and Diversity
GER 3/B
This course is designed to expose an undergraduate student, to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to provide students with the opportunity to demonstrate proficiency in scientific research through the design, development, and presentation of an original, independent and substantive research question, as well as through data collection and analysis. A written

thesis and oral presentation are required to fulfill the presentation component of the course. Mandatory participation in the thesis committee meetings are essential to the development of a well written thesis.

In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29101 or CHEM 29102
Course is repeatable
Fulfills part of the requirement for departmental honors.

prereq:
Department Consent Required

4 hrs
1 cr.
This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to provide students with the opportunity to demonstrate proficiency in scientific research through the design, development, and presentation of an original, independent and substantive research question, as well as through data collection and analysis. A written thesis and oral presentation are required to fulfill the presentation component of the course. Mandatory participation in theses committee meetings are essential to the development of a well written thesis.

In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29101 or CHEM 29102. Course is repeatable. Fulfills part of the requirement for departmental honors.

CHEM 29000

Introduction to Research

CHEM 29000 is a 1-credit course designed to expose undergraduate students to the multiple facets of laboratory research available at Hunter College. This is not a laboratory research course. The semester will consist of a combination of research seminars presented by the research-active faculty at Hunter College and a discussion of a variety of research-based topics including ethics, safety and record keeping. Students will also work on a team project to develop a scientific problem that engage intelligently with contemporary human rights problems. Among the thorny issues students may examine are indigenous peoples’ rights

Programs and Courses in Human Rights

Human Rights

Overview

The Human Rights Program examines the theory and practice of human rights, combining academic training with hands-on experience. By exploring the philosophical foundations and legal framework of human rights, as well as addressing current political, social and economic realities, the program seeks to give students the tools necessary to engage intelligently with contemporary human rights problems. Among the thorny issues students may examine are indigenous peoples’ rights

An interdisciplinary program, the Human Rights Program offers courses in political science, anthropology, sociology and history, among other fields of study. Students may follow either of two academic tracks: a 15-credit Minor in human rights, or 24-credit Certificate. A key element of both tracks is the human rights internship, which gives students direct experience with the researchers, advocates, lawyers and analysts who make up the human rights movement. More thoughtful and informed citizens.
Human Rights Certificate

24-credit Certificate in Human Rights

• 4 Core Required Courses from an approved list
• HR 20000 Introduction to Human Rights: History, Discourse, Practice (W)
• HR 25000 Human Rights Internship
• HR 26000 Human Rights Internship Seminar (W)
• HR 35000 Human Rights Capstone Seminar (W)
• 4 Elective Cognate Courses from an approved list

The approved list of cognates comprises courses drawn from 18 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses. Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners. To be accepted into the Certificate program, a student must have at least completed HR 20000 with a B and have a cumulative GPA of 3.0.
The 15 credit minor in Human Rights consists of five 3 credit courses:

• 2 Core Required Courses
  • Introduction to Human Rights (HR 20000)
  • Internship in Human Rights (HR 25000)
• Elective Cognate Courses from an approved list

The approved list of cognates comprises courses drawn from 16 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses. Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners. To be accepted into the Minor program, a student must have completed HR 20000 with a B and have a cumulative GPA of 3.0.

HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)

Pluralism and Diversity
PD/D
GER
3/B

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate. In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course.

prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.

3 hrs
3 cr.
fall and spring; summer when possible

HR 22000 - Special Topics in Human Rights

This course covers special topics in human rights. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. The course may be repeated four times for credit.

prereq: ENGL 12000; HR 20000 is recommended but not required

3 hrs
3 cr.

HR 25000 - Human Rights Internship

This is a practicum course. It involves students participating in an organization that identifies its mission as the promotion of human rights. The aim of the course is to educate students in the practical dimension of translating human rights discourse and law into practice. The course is required for students seeking a Human Rights Certificate or a minor in Human Rights. 

prereq: ENGL 12000 or equivalent; HR 20000 or equivalent

3 hrs
3 cr.
fall, winter, spring, and summer

HR 26000 - Human Rights Internship Seminar (W)

This course critically evaluates the role of human rights organizations and human rights practices in determining the meaning and value of human rights.

prereq: ENGL 12000 and HR 20000
prereq or coreq: HR 25000

3 hrs
HR 32000 - Special Topics in Human Rights

This course covers special topics in human rights on an advanced undergraduate level. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights.

This course will generally be offered every semester, and certainly at least every two years. May be repeated four times for credit with different topics.

prereq: ENGL 12000; HR 20000 or Permission of Instructor or Permission of Human Rights Program Director

3 hrs
3 cr.

HR 35000 - Human Rights Capstone Seminar (W)

This course involves the theoretical examination of constitutive problems in the discourse and practice of human rights, especially as they would inform the composition of a human rights academic research project. It requires participating students to present their research projects in the seminar and to compose a 20-25 page research paper on a human rights topic.

This course is specifically designed for students who are pursuing a Certificate in Human Rights. This is a writing intensive course.

prereq or coreq: HR 26000

Offered spring only

Program and Courses in Jewish Studies

Jewish Studies

Overview

Jewish Studies is an interdisciplinary program offering a 24-credit major leading to a BA degree in Jewish Studies with courses in such fields as history, Hebrew language and literature, English and other literatures, religion, sociology, and political science. It also offers independent study and fieldwork on Jewish subjects and a 12-credit minor.

What can I do with my degree in Jewish Studies?

Graduates continue to careers in education, law, business, religious life, academics, politics, publishing and the arts. Jewish Studies majors are well-prepared to apply for graduate studies in many fields.

Programs and Courses

Program and Courses in Jewish Studies

Administration and Faculty

Program Office:
1328 West
(212) 772-5097
Program Director:
The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Classical Archaeology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENG 12000 - Expository Writing</td>
<td>ENGL 22000 - Introduction to Writing about Literature (W)</td>
</tr>
<tr>
<td></td>
<td>Hunter Core English Comp (EC)</td>
<td>Hunter Core English Comp (EC)</td>
</tr>
<tr>
<td></td>
<td>GER 1/A Required of all students unless exempt</td>
<td>GER 2/A Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.</td>
</tr>
<tr>
<td></td>
<td>prerequisite: ENGL 12000</td>
<td>prerequisite: successful completion of developmental courses, if required</td>
</tr>
<tr>
<td></td>
<td>3 hrs + conf 3 cr.</td>
<td>3 hrs + conf 3 cr.</td>
</tr>
</tbody>
</table>

(Math & Quantitative Reasoning • Individual and Society/ Social Sciences • US Experience in its Diversity • Foreign Language Elementary Level 1)
3 hrs + one additional conference hour
3 cr.

- Scientific World
- Individual and Society/ Humanities
- World Cultures & Global Issues
- Foreign Language Elementary Level 2

Sophomore Year
Fall
HIST 20800 - History of the Jews
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER 2/B
An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.
prereq or coreq: ENGL 12000
3 hours
3 credits

- Life and Physical Science
- Foreign Language Intermediate Level 3
- Elective
- Elective

Spring
HEBR 22200 - Introduction to Jewish Texts and Writings
Hunter Core
World Culture and Global Issues (WCGI)
A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.
prereq or coreq: ENGL 120
3 hours
3 credits

- Creative Expression
- Foreign Language Intermediate Level 4
- Elective
- Elective

Junior Year
Fall
- Jewish Studies Elective
Jewish Studies Elective

(W) Pluralism and Diversity B, C or D

Elective

Elective

Spring

Jewish Studies Elective

Pluralism and Diversity B, C or D

Elective

Elective

Elective

Senior Year

Fall

Jewish Studies Elective

Pluralism and Diversity B, C or D

Elective

Elective

Elective

Elective

Notes:

Jewish Studies is an interdepartmental, multi-disciplinary program.

Jewish Studies majors should work with a program advisor to decide upon a sequence of Jewish Studies electives totaling 18 credits (6 classes).

Jewish Studies electives can be completed with courses in fields such as History, Hebrew language, Literatures, Religion, Sociology and Political Science.

At least 6 credits (2 classes) must be at the 300 level or above.

Jewish Studies – BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student’s advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (24 credits)

The 6 core credits required of all majors are:

- HIST 20800 - History of the Jews

Hunter Core: World Culture and Global Issues (WCGI)

Pluralism and Diversity (PD/A) - GER 2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

prereq or coreq: ENGL 12000
3 hours
3 credits

HEBR 22200 - Introduction to Jewish Texts and Writings

Hunter Core: World Culture and Global Issues (WCGI)

A broad survey of influential Jewish texts and literary masterpieces from ancient to modern times.

prereq or coreq: ENGL 120
3 hours
3 credits

15 Credits in Jewish Studies

In addition to the core courses, students must select 15 credits in Jewish studies in conjunction with the program adviser, at least 6 of which must be at the 300-level or above. Students are encouraged to select from, but are not limited to, the following:

- HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)

Hunter Core: Individual and Society (Humanities) - I&S H

Pluralism and Diversity (PD/D)
Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

3 hrs
3 cr.

HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

Survey of Hebraic literature from Enlightenment movement to present.

3 hrs
3 cr.

HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity PD/D

GER 3/A

Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000

3 hrs
3 cr

HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

GER 3/A

Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.

3 hrs
3 cr

HEBR 49100 - Honors Project

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester.

There are “unlimited” repeats for this course.

prereq: Jr/Sr only; perm division

1 sem
3 cr.

HIST 21000 - History of Judaism

GER 2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
HIST 24200 - The Holocaust: An Introduction

PD/D

The attempt to exterminate the Jewish people by the Nazis.

HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity

GER

3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.

HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity

GER

3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.

HIST 32000 - Jewish History in the Modern World

Pluralism and Diversity

GER

3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends.

HIST 32100 - History of the Holocaust

Prereq or coreq: ENGL 12000

3 hrs

3 cr.
Examination of the mass murder of 6 million Jews by the Nazi regime during World War II.

Courses at the 300-level and above not offered to freshmen.

3 hrs 3 cr.

HIST 32700 - Europe since 1914

Europe in a century of total wars and cold war: the military, political, social, economic and intellectual scene.

Courses at the 300-level and above not offered to freshmen.

3 hrs 3 cr.

JS 31000 - Jewish Studies Fieldwork

Supervised experience in a Jewish community agency, periodic consultation with program director and preparation of report or term paper based on the experience. May be taken twice for a total of 6 cr.

prereq: qualified Jr/Sr.

hrs TBA 3-6 cr.

JS 40000 - Individual Honors Project

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required.

Selected topics and problems in Jewish studies. qualified Jr/Sr, perm instr. or program director

prereq: 12 cr. in Jewish Studies, perm program director

3 hrs 3 cr.

JS 41050 - Jewish Studies Seminar I

Selected topics and problems in Jewish studies.

prereq: qualified Jr/Sr, perm instr. or program director

3 hrs 3 cr.

JS 41051 - Jewish Studies Seminar II

Selected topics and problems in Jewish studies.

prereq: qualified Jr/Sr, perm instr. or program director

3 hrs 3 cr.

POLSC 26400 - Government and Politics of Israel (W)
Historic evolution of the Jewish state and its political system, social issues and foreign policy.

Prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

REL 25200 - Ancient Near Eastern Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER 2/C
Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

Prereq: ENGL 12000
3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER 2/C
Study of Judaism, Christianity, and Islam -- with some considerations of Zoroastrian parallels.

Prereq: ENGL 12000
3 hrs
3 cr.

More Options
Other courses that may be selected to meet this 15-credit requirement are ENGL 38663 (ENGL 38600), The Bible in British and American Literature, ENGL 39058 (ENGL 39000), Literature and Catastrophe (focus on Holocaust Studies), ENGL 39968 (ENGL 39900), Jewish American Literature, HIST 74000, Modern Jewish Social and Intellectual History (see graduate catalog) and HIST 74800, American Jewish History (see graduate catalog).

Note
Up to 6 credits of independent study and fieldwork may be taken with special permission from the program adviser.

Capstone Course (3 credits)
One of the following courses should be taken as a capstone course:

JS 40000 - Individual Honors Project
Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required.

Selected topics and problems in Jewish studies. qualified Jr/Sr, perm instr. or program director.
Selected topics and problems in Jewish studies.
prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr.

JS 41051
Jewish Studies Seminar II
Selected topics and problems in Jewish studies.
prereq: qualified Jr/Sr, perm instr. or program director
3 hrs
3 cr.

Honors in Jewish Studies
Students will be eligible for honors in Jewish Studies upon completion of 24 credits in Jewish Studies with a 3.5 GPA and a 2.8 cumulative GPA at the time of graduation. To be eligible to graduate with honors in Jewish Studies, students can take the following JS 40000 (Individual Honors Project) or JS 41050/JS 41051 (Jewish Studies Seminar, I or II), HEBR 49100 (Honors Project) or graduate courses with special permission, with a grade of B or better. Eligible students

Minor in Jewish Studies
The minor in Jewish Studies consists of 12 credits in courses in Jewish studies of which at least 3 credits must be on topics in the history of the Jews or Judaism and at least 3 credits in Jewish literature, thought, religion, or one of the social sciences (sociology, anthropology, or political science). Students can apply to the minor up to 6 credits in Independent Studies (JS 30000 or JS 40000) or fieldwork (JS 31000). Up to six credits in Jewish studies taken at other institutions of
Pluralism and Diversity

PD/A

Special topics related to Jewish Studies that move beyond the introductory level into more detailed understandings of the subject.

prereq: None

3 hrs 3 cr.

JS 30000 - Independent Studies

Not open to students who have completed fewer than 30 credits. Guided readings under faculty supervision on a topic in Jewish Social Studies. May be repeated up to 3 times for a total of not more than 9 credits.

prereq: 3 cr. in Jewish Studies recommended

1-6 hrs 1-6 cr.

JS 31000 - Jewish Studies Fieldwork

Supervised experience in a Jewish community agency, periodic consultation with program director and preparation of report or term paper based on the experience. May be taken twice for a total of 6 cr.

prereq: qualified Jr/Sr.

hrs TBA 3-6 cr.

JS 35000 - Special Topics in Jewish Studies

Pluralism and Diversity

PD/A

Special Topics related to Jewish Studies that go into advanced studies of the field.

3 hrs 3 cr.

JS 40000 - Individual Honors Project

Not open to students who have completed fewer than 60 credits. Guided readings on a topic in Jewish studies under faculty supervision. May be repeated on different topics for a total of 6 credits. A substantial research paper is required.

Selected topics and problems in Jewish studies. qualified Jr/Sr, perm instr. or program director

prereq: 12 cr. in Jewish Studies, perm program director

3-6 hrs 3-6 cr.

JS 41050 - Jewish Studies Seminar I

Selected topics and problems in Jewish studies.

prereq: qualified Jr/Sr, perm instr. or program director

3 hrs 3 cr. each

JS 41051 - Jewish Studies Seminar II

Selected topics and problems in Jewish studies.

prereq: qualified Jr/Sr, perm instr. or program director

3 hrs 3 cr. each
In this course participants are tasked with the dual challenge of defining and dissecting Jewish humor, and learning how the sociological study of Jewish humor intersects with matters of religious belief, culture, and gender.

This course will survey the history of New York City by focusing its Jewish inhabitants.

Religion Overview

In the program in Religion, students examine the nature of religion and the forms its various expressions have taken. Religion is studied as an academic discipline and the program's approach reflects no doctrinal bias. The purposes of the program are to introduce the field of religion in general; to present the history, documents and history of major religious traditions (both Eastern and Western, ancient and modern, missionary and tribal); and to give students insight into religious experience, faith, ethics, religion and the arts; and to give students insight into specific religious issues and thinkers. The program consists of a series of core courses taught by specialists in the field, augmented by other religion courses offered by faculty in 8 participating departments or divisions: Anthropology, Africana and Puerto Rican/Latino Studies, Chinese, Classics, Hebrew, History, Philosophy and Sociology. The program is divided into four categories of courses: Introduction to the field of religion (basic introductory courses); Theoretical studies in religion (courses focusing on different methodological approaches to the study of religion); Issues in religion (courses dealing with religious experience, faith, ethics, religion and the arts); and Religious traditions (courses in major religious traditions).

What can I do with my degree in Religion?

Studying theology and religious studies gives you a thorough understanding of the major world religions, their historical development and their relationship with the world we live in. Graduates continue to careers in religion, law, education, business, journalism, social work, medicine and health care.
The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Religion major. The Degree Map is a tool to assist you and your Religion advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your Religion advisor about the best path for you.

### Freshman Year

#### Fall

- **ENGL 12000** - Expository Writing
  - Hunter Core English Comp (EC)
  - GER 1/A
  - Required of all students unless exempt
  - This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
  - Prereq: successful completion of developmental courses, if required
  - 3 hrs + conf
  - 3 cr.

#### Spring

- **REL 11000** - Nature of Religion (W)
  - Hunter Core Individual and Society (Humanities) - I&S H
  - GER 2/C
  - Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
  - 3 hrs
  - 3 cr.
ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core

English Comp (EC)

GER

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour

3 cr.

• Foreign Language - Elementary Level II

• HCR - Creative Expression

• HCR - Scientific World

Sophomore Year

Fall

REL 11100 - Approaches to Religion (W)

Hunter Core

Individual and Society (I&S) Humanities

GER

2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.

prereq: ENGL 12000

3 hrs

3 cr.

• HCR - Life and Physical Sciences

• Foreign Language - Intermediate Level I

• ELECTIVE

• ELECTIVE

Spring

REL 25100 - Asian Religions (W)

Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/A

GER

2/C

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.

prereq: ENGL 12000

3 hrs

3 cr.
Foreign Language - Intermediate Level II

- ELECTIVE
- ELECTIVE
- ELECTIVE

Junior Year
- Fall
  - REL 25300 - Abrahamic Religions (W)

- Hunter Core
  - World Culture and Global Issues (WCGI)
  - Pluralism and Diversity

- GER 2/C
  - Study of Judaism, Christianity, and Islam
    - with some considerations of Zoroastrian parallels.
  - prereq: ENGL 12000

- 3 hrs
- 3 cr.

- REL - Course in Theoretical Studies In Religion
- ELECTIVE
- ELECTIVE
- HCR - Concentrated Study

Spring
- REL - Course in Issues in Religion
- REL - Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Senior Year
- Fall
  - REL - Elective
  - REL - Elective
  - ELECTIVE
  - ELECTIVE
  - ELECTIVE

- Spring
  - REL - Elective
Minor in Religion

The Minor in Religion consists of four courses for a total of 12 credits.

The following two courses are required:

- REL 11000 - Nature of Religion (W)
- REL 11100 - Approaches to Religion (W)

Also required for the Minor in Religion:

- a) one course to be chosen from those listed under the category "Religious Traditions";
- b) one course from the category "Issues in Religion" reflecting a theme central to the religious tradition in which the student has chosen to focus, to be selected in consultation with a Religion Program adviser.

At least one course presented in satisfaction of the minor must be a 300-level course.

Religion - BA

The Program in Religion at Hunter College is the oldest, largest and most comprehensive program of religious studies in the City University. It offers over eighty courses, including several courses in aspects of each of the major world religions (Judaism, Christianity, Islam, Hinduism and Buddhism) as well as in the traditional religions of Africa, Oceania and the Americas; courses in various methodological approaches to the study of religions; and courses in specific issues such as faith and disbelief, mysticism, myth and ritual, religious experience, the problem of evil, the meaning of love and sex, and the meaning of death that are fundamental to all religions.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Religion, the courses that meet CCCR...
ENGL 12000 3 hrs 3 cr.

REL 20400 - Religious Experience (W)
Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
GER 2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.

ENGL 12000 3 hrs 3 cr.

REL 20500 - Faith and Disbelief (W)
Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
GER 2/C

Examination of questions of faith and disbelief in modern Western thought.

ENGL 12000 3 hrs 3 cr.

REL 20600 - Ideas of God in Contemporary Western Thought (W)
Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
GER 2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.

ENGL 12000 3 hrs 3 cr.

REL 20700 - Religious Sources for Morality (W)
Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity

PD/D
Religious reasons for determining good and evil; religious sources for ethical decisions.

**prereq:** ENGL 12000

**3 hrs**

**3 cr.**

**REL 20800** - Religion and Social Justice (W)

**Hunter Core**

**Individual and Society (Humanities)**

**GER**

**2/C**

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.

**prereq:** ENGL 12000

**3 hrs**

**3 cr.**

**REL 20900** - Religion and Human Rights (W)

**Hunter Core**

**Individual and Society**

**- Humanities**

**GER**

**2/C**

It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—such as those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

**prereq:** ENGL 12000

**3 hrs**

**3 cr.**

**REL 21100** - The Sacred Sky: Astrology in World Religions (W)

**Hunter Core**

**World Cultures and Global Issues (WCGI)**

**GER**

**2/C**

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial
Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.

Prereq: ENGL 12000

3 hrs
3 cr.

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

Prereq: ENGL 12000

3 hrs
3 cr.

Study of Judaism, Christianity, and Islam -- with some considerations of Zoroastrian parallels.

Prereq: ENGL 12000

3 hrs
3 cr.

Study of indigenous religions of Pacific Islanders and North American Indians.

Prereq: ENGL 12000
REL 25500 - Religions of Two Gods (W)

Hunter Core

Individual and Society (Humanities) - I&S H

Pluralism and Diversity - PD/A

GER 2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

prereq: ENGL 12000

REL 25600 - Afro-Caribbean Religions (W)

Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity - P/D B

GER 2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.

prereq: ENGL 12000

REL 25700 - Religions of Ancient Central and South America (W)

Hunter Core

World Cultures and Global Issues (WCGI)

Pluralism and Diversity - P/D B

GER 2/C

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization.

The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

prereq: ENGL 12000

REL 25800 - Religions of Ancient Europe (W)

Hunter Core

World Cultures and Global Issues (WCGI)

Pluralism and Diversity - P/D D
Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples -- the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe -- as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

**Religion and Psychology (W)**

**Prereq:** ENGL 12000

3 hrs 3 cr.

*GER 2/C*

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.

**Prereq:** ENGL 12000

3 hrs 3 cr.

*Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.*

**Courses Required for the Major (24 credits)**

A major in religion consists of 24 credits. Students are required to take REL 11000 - Nature of Religion and REL 11100 - Approaches to Religion followed by at least one course in theoretical studies, at least one course in religious issues, and at least one course in religious traditions.

It is recommended that students take REL 25100 - Asian Religions and REL 25300 - Abrahamic Religions from the religious traditions course offerings.

- Introduction to the Field of Religion
- Theoretical studies in Religion
- Issues in Religion
- Religious Traditions

On becoming a major the student, in consultation with the director, will select one member of the program in Religion staff as his or her major adviser. Each religion major is required to consult with this adviser at least twice a year.
Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.

**II. Theoretical Studies in Religion**

**REL 27000** - Religion and Psychology (W)

Hunter Core Individual and Society (Humanities) - I&S H

**Pluralism and Diversity**

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.

**SOC 20500** - Sociology of Religion

**PHILO 26200** - Philosophy of Religion (W)

**ANTHC 30700** - Anthropology of Religion
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.

3 hrs
3 cr.

REL 39000 - Modern Theories of Religion (W)
Pluralism and Diversity
PD/D
GER
3/A
An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.

prereq: ENGL 12000, REL 11100
3 hrs
3 cr.

REL 26000 - Special Topics: Theoretical Studies in Religion
Specialized study of a methodological approach to the study of religion. Different topic each time offered.

3 hrs
3 cr.

REL 36000 - Special Topics: Theoretical Studies in Religion
Specialized study of a methodological approach to study of religion. Different topic each time offered.

3 hrs
3 cr.

III. Issues in Religion

REL 20400 - Religious Experience (W)
Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/D
GER
2/C
Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.

prereq: ENGL 12000
3 hrs
3 cr.

REL 20500 - Faith and Disbelief (W)
Examination of questions of faith and disbelief in modern Western thought.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 20600
Ideas of God in Contemporary Western Thought (W)

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 20700
Religious Sources for Morality (W)

Religious reasons for determining good and evil; religious sources for ethical decisions.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 20800
Religion and Social Justice (W)

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.

prereq:
ENGL 12000
It has been contended that religious beliefs about the natural and moral order, as well as those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. As the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project. Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—such as those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

Think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.

Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied
Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 30900
The Religious Meanings of Love and Sex (W)

Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 31000
The Religious Meanings of Death (W)

Consideration of the meaning of death in major world religions.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 31100
Women and Religion (W)

An examination of the role of women and the concept of the feminine in world religions.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 31200
Religion and Politics (W)
The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and non-Western traditions, both conservative and radical.

ENGL 12000 3 hrs 3 cr.

REL 31300 - Ecospirituality: Religion and Nature (W) 3/A

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.

ENGL 12000 3 hrs 3 cr.

REL 31400 - Religion and Sports (W) 3/A

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport.

Course foci:
1) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures;
2) the values expressed in sport forms considered as rituals;
3) the rise of team sports against the background of the reconsideration of the importance of the body in 19th century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative;
4) an arguable implicit spirituality of sport.

ENGL 12000 3 hrs 3 cr.

REL 31500 - The Problem of Evil (W) 3/A

Exploration of the religious meaning of evil in different cultures.

ENGL 12000 3 hrs 3 cr.

REL 31600 - Men and Religion (W) 3/A

Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars—both male and female—have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this...
As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging discipline of 'religion and film studies.' As such, students will explore the nature of vision, representation, and narrative – topics central to both film and religious studies. Students will also view and analyze films as expressions of culture, including religious culture, and seek to understand the impact of ideology and social practice, gender and sexuality, as well as the economic structures underlying both film and religion.

prereq: ENGL 12000
3 hr.s
3 cr.

REL 31800 - Religion and Science (W)

A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.

prereq: ENGL 12000
3 hrs
3 cr.

REL 31900 - Religion and the Body (W)

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.

prereq: ENGL 12000
3 hrs
3 cr.

REL 33400 - Mysticism (W)

Pluralism and Diversity

PD/D
GER
3/A

Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.

prereq: ENGL 12000
3 hrs
3 cr.

REL 33500 - Myth and Ritual (W)

Pluralism and Diversity

PD/D
GER
3/A

Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis.

prereq: ENGL 12000
3 hrs
3 cr.

REL 34000 - Homosexuality in World Religions (W)

Pluralism and Diversity

PD/C
A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender.

**Prerequisites:**

- ENGL 12000
  - 3 hrs
  - 3 cr.
- REL 26100
  - Special Topics: Issues in Religion
  - Study of particular religious topics or thinkers. Different subject each time offered.
  - 3 hrs
  - 3 cr.
- REL 36100
  - Special Topics: Issues in Religion

**IV. Religious Traditions**

**Ancient Religions**

- REL 25200
  - Ancient Near Eastern Religions (W)
  - Hunter Core
  - World Culture and Global Issues (WCGI)
  - Pluralism and Diversity
  - 3 hrs
  - 3 cr.
- REL 25700
  - Religions of Ancient Central and South America (W)
  - Hunter Core
  - World Cultures and Global Issues (WCGI)
  - Pluralism and Diversity
  - 3 hrs
  - 3 cr.

**GER**

- 2/C

**Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).**

**Prerequisites:**

- ENGL 12000
  - 3 hrs
  - 3 cr.
The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional ways.

Prerequisite:
ENGL 12000
3 hrs
3 cr.
REL 25800 - Religions of Ancient Europe (W)
Hunter Core World Cultures and Global Issues (WCGI)
Pluralism and Diversity
GER
2/C
Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples— the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe—as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

Prerequisite:
ENGL 12000
3 hrs
3 cr.
CLA 30300 - Religion of Ancient Greece (W)
Pluralism and Diversity
GER 3/A
The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.

Prerequisite:
ENGL 12000, CLA 10100 or 20100
3 hrs
3 cr.
CLA 30400 - Pagans and Christians (W)
Pluralism and Diversity
PD/D
GER
3/A
Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.

Prerequisite:
ENGL 12000; CLA 20100 or 20300
3 hrs
3 cr.
HEBR 28600 - Ancient Near Eastern Literature and the Bible
Pluralism and Diversity
PD/A
GER
3/A
Comparative study of ancient Near Eastern literature and the Hebrew Bible.

3 hrs
3 cr.
Asian Religions

REL 25100 - Asian Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr.

REL 32000 - Hinduism (W)
Pluralism and Diversity
PD/A
GER
3/A
Study of Hinduism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr.

REL 32100 - Buddhism (W)
Pluralism and Diversity
PD/A
GER
3/A
Study of Buddhism, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr.

REL 33600 - Zen (W)
Pluralism and Diversity
PD/A
GER
3/A
An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds.
prereq: ENGL 12000
3 hrs
3 cr.
PHILO 21900 - Chinese Philosophy (W)

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
3/A

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.

prereq: ENGL 12000
3 hrs
3 cr.

PHILO 22100 - Indian Philosophy (W)

Pluralism and Diversity
PD/A
GER
3/A

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and Indo-Tibetan traditions.

prereq: ENGL 12000
3 hrs
3 cr.

African, Afro-Caribbean and Afro-American Religions

REL 25600 - Afro-Caribbean Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.

prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 22000 - African Spirituality in the Diaspora

Pluralism and Diversity
PD/A or B
GER
2/C
The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.

3 hrs
3 cr.

AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)

Pluralism and Diversity

Examination of African religious systems, metaphysical conceptions and philosophy.

prereq: AFPRL 22200 or perm instr.

3 hrs
3 cr.
offered every other sem.

AFPRL 32300 - Islam and Christianity in Africa (W)

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.

prereq: AFPRL 201 or 202 or 222 or perm instr.

3 hrs
3 cr.

AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)

Examination of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.

prereq: AFPRL 14100 or 24300

3 hrs
3 cr.

AFPRL 42000 - The Black Church and Social Change

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.

prereq: AFPRL 20300 or 20400 or 20500 or perm instr.

3 hrs
3 cr.
REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Study of Judaism, Christianity, and Islam -- with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25500 - Religions of Two Gods (W)

Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/A
GER
2/C
A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.
prereq: ENGL 12000
3 hrs
3 cr.

HEBR 24000 - Introduction to the Old Testament

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr

HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
The Hebrew Prophets

Study of the phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.

3 hrs
3 cr

Job, Ecclesiastes and the Human Predicament (W)

Study of the form, content and religious significance of these two enigmatic masterworks.

3 hrs
3 cr

History of Judaism

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr

Jewish History in the Ancient World

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr

Jewish History in the Medieval and Early Modern Periods
Pluralism and Diversity

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 32000 - Jewish History in the Modern World (W)

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends.

Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000

3 hrs
3 cr.

REL 33000 - New Testament Religion (W)


prereq: ENGL 12000

3 hrs
3 cr.

REL 32300 - Christianity (W)

Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.

prereq: ENGL 12000

3 hrs
3 cr.

REL 33300 - Christian Theology (W)
An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.

Prereq: ENGL 12000

3 hrs

3 cr.

HIST 31400 - Ancient and Medieval Christianity (W)

Pluralism and Diversity

GER

3/B

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissenters; gender and sexuality; relations with Judaism and Islam.

Courses at the 300-level and above not offered to freshmen.

Prereq or coreq: ENGL 12000

3 hrs

3 cr.

HIST 31500 - Christianity in Modern Times

GER

3/B

Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.

3 hrs

3 cr.

HIST 31600 - History of Religion in the United States

GER

3/B

Changing European churches and indigenous American sects; their architecture, leaders and ideas.

Courses at the 300-level and above not offered to freshmen.

3 hrs

3 cr.

REL 32200 - Islam (W)

Pluralism and Diversity

PD/A

GER

3/A

Study of Islam, its development, history, literature, philosophy and religious practices.

Prereq: ENGL 12000

3 hrs

3 cr.
This course introduces students to the study of the Qur’ān based on the traditional Islamic “sciences of the Qur’ān” (`Ulūm al-Qur’ān). Using an introductory text on the Qur’ānic sciences, the course will introduce the traditional areas of concern in the Qur’ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur’ān and its exegesis.
Special Topics in Traditions

REL 26200 - Special Topics: Religious Traditions
Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.
3 hrs
3 cr.

REL 36200 - Special Topics: Religious Traditions
Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.
3 hrs
3 cr.

Independent Study
REL 41000 - Independent Study in Religion
Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.
May be taken a second or third time with another subject.
prereq: perm chair
hrs TBA
1 - 6 cr.

Honors
To be eligible for honors classes a student must have the director's permission and at least a 3.5 GPA in the major and cumulatively. To qualify for departmental honors, a student must complete one of the honors courses with a grade of B or above, achieving a final GPA in Religion and cumulatively of at least 3.5.

REL 45000 - Honors Seminar in Religion
Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.
prereq: five courses in religion or a major/CUNY-BA focus in religion and perm instr or program director
3 hrs
3 cr.

REL 49000 - Honors Tutorial in Religion
Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.
prereq: perm chair
hrs TBA
3 - 6 cr.
REL 11000 - Nature of Religion (W)
Hunter Core Individual and Society (Humanities - I&S H)
GER
2/C
Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.

REL 11100 - Approaches to Religion (W)
Hunter Core Individual and Society (I&S) Humanities
GER
2/C
Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
prereq: ENGL 12000
3 hrs
3 cr.

ANTHC 30700 - Anthropology of Religion
Pluralism and Diversity
PD/A
GER
3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr.

REL 26000 - Special Topics: Theoretical Studies in Religion
Specialized study of a methodological approach to the study of religion. Different topic each time offered.
3 hrs
3 cr.

REL 27000 - Religion and Psychology (W)
Hunter Core Individual and Society (Humanities - I&S H)
Pluralism and Diversity
PD/D
GER
2/C
An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.
prereq: ENGL 12000
on, representation, and narrative – topics central to both film and religious studies. Students will also view and analyze films as expressions of
Examination of questions of faith and disbelief in modern Western thought.

**Prerequisite:** ENGL 12000

3 hrs 3 cr.

**REL 20600** - Ideas of God in Contemporary Western Thought (W)

Hunter Core

Individual and Society (Humanities) - I&S H

**Pluralism and Diversity PD/D GER 2/C**

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.

**Prerequisite:** ENGL 12000

3 hrs 3 cr.

**REL 20700** - Religious Sources for Morality (W)

Hunter Core

Individual and Society (Humanities) - I&S H

**Pluralism and Diversity PD/D GER 2/C**

Religious reasons for determining good and evil; religious sources for ethical decisions.

**Prerequisite:** ENGL 12000

3 hrs 3 cr.

**REL 20800** - Religion and Social Justice (W)

Hunter Core

Individual and Society (Humanities) - I&S H

**Pluralism and Diversity PD/D GER 2/B**

An exploration into religious perspectives on such social issues as war, race, the economy and gender relations.

**Prerequisite:** ENGL 12000

3 hrs 3 cr.
It has been contended that religious beliefs about the natural and moral order, as well those concerning human nature, lie at the foundation of the idea of human rights. Some histories of human rights even begin with a survey of the teachings of various major religious traditions. And, as the idea of, and movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project.

Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—for example, those prohibiting gender- or religion- based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

When a person, group, or idea is called 'atheist,' is that only a statement about theology or metaphysics, or do those who use that label intend to invoke the cultural power of God and, if so, to what end? How is the concept, 'atheism,' put into action in the world, and what does what we say about atheism say about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.
REL 30900 - The Religious Meanings of Love and Sex (W)

Pluralism and Diversity
PD/D
GER
3/A
Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31000 - The Religious Meanings of Death (W)

Pluralism and Diversity
PD/D
GER
3/A
Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31100 - Women and Religion (W)

Pluralism and Diversity
PD/C
GER
3/A
An examination of the role of women and the concept of the feminine in world religions.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31200 - Religion and Politics (W)

Pluralism and Diversity
PD/D
GER
3/A
The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and non-Western traditions, both conservative and radical.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31300 - Ecospirituality: Religion and Nature (W)
An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.

Prereq: ENGL 12000
3 hrs
3 cr.

REL 31500 - The Problem of Evil (W)
Exploration of the religious meaning of evil in different cultures.
Prereq: ENGL 12000
3 hrs
3 cr.

REL 31600 - Men and Religion (W)
Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars—both male and female—have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.

Prereq: ENGL 12000
3 hrs
3 cr.

REL 31800 - Religion and Science (W)
A critical reflection upon the interrelation of religion and science, a fundamental issue within historical and contemporary culture. Analysis of key definitions, of the roles of each endeavor in human inquiry, of the presumptions underlying the self-understandings of people pursuing each approach to reality deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.

Prereq: ENGL 12000
3 hrs
3 cr.

REL 31900 - Religion and the Body (W)
This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.

Prereq: ENGL 12000
3 hrs
3 cr.

REL 33400 - Mysticism (W)
Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every culture studied celestial motion, detected patterns, understood those patterns to be cyclical, and believed they formed the basis of an orderly and precise cosmology.
REL 25100 - Asian Religions (W)
- Hunter Core
- World Culture and Global Issues (WCGI)
- Pluralism and Diversity
- PD/A
- GER
- 2/C
- Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25200 - Ancient Near Eastern Religions (W)
- Hunter Core
- World Culture and Global Issues (WCGI)
- Pluralism and Diversity
- PD/A
- GER
- 2/C
- Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
prereq: ENGL 12000
3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)
- Hunter Core
- World Culture and Global Issues (WCGI)
- Pluralism and Diversity
- PD/D
- GER
- 2/C
- Study of Judaism, Christianity, and Islam--with some considerations of Zoroastrian parallels.
prereq: ENGL 12000
3 hrs
3 cr.

REL 25400 - Tribal Religions: From Australia to the Americas (W)
- Hunter Core
- World Culture and Global Issues (WCGI)
- Pluralism and Diversity
- PD/A or B
- GER
Study of indigenous religions of Pacific Islanders and North American Indians.

Prereq:
ENGL 12000
3 hrs
3 cr.
REL 25500
Religions of Two Gods (W)
Hunter Core
Individual and Society (Humanities)
I&S H
Pluralism and Diversity
PD/A
GER
A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

Prereq:
ENGL 12000
3 hrs
3 cr.
REL 25600
Afro-Caribbean Religions (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
An introduction to the diversity of African-based religions in the Caribbean and beyond.

Prereq:
ENGL 12000
3 hrs
3 cr.
REL 25700
Religions of Ancient Central and South America (W)
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/B
GER
Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization. The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

Prereq:
ENGL 12000
3 hrs
3 cr.
REL 25800
Religions of Ancient Europe (W)
Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples—the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe—as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

Course focus:
- a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures;
- b) the values expressed in sport forms considered as rituals;
- c) the rise of team sports against the backdrop of the reconsideration of the importance of the body in 19th century Western religion, and the emergence of the modern Olympic movement as part of a search for a religious alternative;
- d) an arguable implicit spirituality of sport.

Prerequisites:
- ENGL 12000

3 hrs
3 cr.
REL 32100 - Buddhism (W)
Pluralism and Diversity
PD/A
GER
3/A
Study of Buddhism, its development, history, literature, philosophy and religious practices.
prereq:
ENGL 12000
3 hrs
3 cr.

REL 32200 - Islam (W)
Pluralism and Diversity
PD/A
GER
3/A
Study of Islam, its development, history, literature, philosophy and religious practices.
prereq:
ENGL 12000
3 hrs
3 cr.

REL 32300 - Christianity (W)
Pluralism and Diversity
PD/D
GER
3/A
Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.
prereq:
ENGL 12000
3 hrs
3 cr.

REL 32400 - Islam and Buddhism (W)
Pluralism and Diversity
PD/A
GER
3/A
Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq:
ENGL 12000
3 hrs
3 cr.
This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" (Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ān: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative examples of the types of examples of the types of material referred to in the introductory text. This material provides students with illustrative exposure to both classical and modern Muslim approaches to the Qur'ān and its exegesis.

prereq: Engl 12000
3 hrs
3 cr.
Pluralism and Diversity

PD/A

GER

3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta'awwuf, attending to the history, doctrine and metaphysics of the Sufi path.

prereq: ENGL 12000

3 hrs

3 cr.

REL 36200 - Special Topics: Religious Traditions

GER

3/A

Specialized study of specific religious tradition or groups of traditions. Different topic each time offered.

3 hrs

3 cr.

REL 41000 - Independent Study in Religion

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.

May be taken a second or third time with another subject.

prereq: perm chair

hrs TBA

1 - 6 cr.

REL 45000 - Honors Seminar in Religion

Specialized study in religion. For religion majors or other advanced religion students. Different topic each time offered. May be taken a second or third time with another subject. One topic offered under REL 45000 or 49000 satisfies the course requirements for departmental honors.

prereq: five courses in religion or a major/CUNY - BA focus in religion and perm instr. or program director

3 hrs

3 cr.

REL 49000 - Honors Tutorial in Religion

Open to majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee. REL 49000 or one topic offered under REL 45000 satisfies the course requirements for departmental honors.

prereq: perm chair

hrs TBA

3 - 6 cr.

Program and Courses in Social Work

Silberman School of Social Work

Overview
The Hunter College School of Social Work, founded in 1956, is the largest and oldest public graduate school of social work in New York City. The School's mission is to promote excellence in social work practice by preparing knowledgeable, ethical, and highly competent social work leaders for a variety of professional roles and settings. Our pedagogy, scholarship, and service reflect social work's historic commitment to human rights, cultural complexity, and social and economic justice. Commensurate with the missions of our host institutions, the School promotes community-engaged and practice-based scholarship that pursues policy and practice solutions to real world problems, thereby reinforcing the strengths of people and the communities in which they live, in New York and other major urban areas.

What Can I do with a BSW degree in Social Work?

The BSW program offers students the opportunity to link theory and practice by participating in a robust curriculum and established field placements. Students will learn the core skills of assessment, engagement, intervention, advocacy, and documentation through a generalist practice lens. The BSW program will prepare our students to become knowledgeable, caring front line workers in areas of Child Welfare and Care Coordination.
Students must be full-time, matriculated students at Hunter.

Students will be considered for admission if they have between 55 and 80 credits and an overall GPA of at least 2.75.

Students must have taken and received a grade of B or better in the Introduction to Social Work course SW 20100.

PSYCH 10000 or SOC 10100 are the prerequisite courses to register for the Introduction to Social Work course SW 20100.

Transfer students must apply to Hunter College and be accepted as a Liberal Arts student in the previous fall from the semester they are applying to the BSW program. Human Services majors with associate degrees may be required to take the Introduction to Social Work course SW 20100 at Hunter College to complete the BSW application requirements if they do not apply to Hunter College in the previous fall from the semester they are applying.

Transfer students with an associate degree, who graduated from a Human Services program, and received credit from Hunter for a Human Services course as the equivalent to the BSW prerequisite, Introduction to Social Work course may still be required to take the Introduction to Social Work course SW 20100, if the course they transferred in did not include at minimum, a required 32-hour, supervised, volunteer social services assignment.

Required BSW Courses

SW 31000 - Social Work Practice and Learning LAB I

Social Work Practice Lab (PL) I, is the first part of a two-semester foundation course that introduces the BSW student to professional social work practice with individuals, families, groups, organizations and communities.

prereq: SW 20100 Introduction to Social Work
coreq: SW 33000 Human Behavior and the Social Environment I; SW 32000 Social Work Policy I
3 hrs.
3 cr.
spring only

SW 31100 - Social Work Practice and Learning LAB II

Social Work Practice Lab (PL) II, is the second part of a two-semester foundation course and builds on the foundational issues and generalist practice approach in Social Work Practice Lab I.

prereq: SW 21000, SW 32000, SW 33000, SW 31000
3 hrs.
3 cr.
spring only

SW 32000 - Introduction to Social Welfare Policy & Services

Provides students with orienting knowledge and skills needed to examine social welfare policies and to understand their relevance to social service delivery and practice.

prereq: SW 20100
coreq: SW 31000, SW 33000
3 hrs.
3 cr.
spring only

SW 33000 - Human Behavior in the Social Environment I

Provides a foundation for students to make conceptual linkages between multiple formulations of the person-environment configuration in understanding the complexities of human behavior, while paying specific attention to both social diversity and human development.

prereq: SW 20100
coreq: SW 31000, SW 32000
3 hrs
3 cr.
spring only

SW 33100 - Human Behavior in the Social Environment II
Continuation of the two-semester course (SW 33000/33100). It builds on a foundation of knowledge on "human behavior in the social environment" for social work practice with individuals, families, groups, organizations and communities.

Prereq: SW 20100, SW 33000
Coreq: SW 34000
3 hrs 3 cr.

SW 34000 - Social Work Policy in Child Welfare
This course is designed to help students understand the current and historical context of child welfare policies and programs in New York and the United States; the major issues in child welfare; policy frameworks; and services and practices in the child welfare arena.

Prereq: SW 20100, SW 31000, SW 32000
Coreq: SW 31100, SW 33100
3 hrs. 3 cr.

Spring only

SW 35000 - Social Work Policy II in Care Coordination
An overview of health care and care coordination systems and policies, with a specific focus on the role of social workers in implementing care coordination services to aging, health and mental health clients.

Prereq: SW 20100, SW 31000, SW 33000
Coreq: SW 31100, SW 33100
Prereq or coreq: SW 32000
3 hrs. 3 cr.

Spring only

SW 41000 - Social Work Practice in Child Welfare I
Social Work Practice in Child Welfare I is designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.

Prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 34000
Coreq: SW 43000, 45000
3 hrs. 3 cr.

Fall only

SW 41100 - Social Work Practice in Child Welfare II
The 2nd semester of a year long practice course designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to Interventions and Services in child welfare.

Prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 34000, 41000
Coreq: SW 43100, 45100
3 hrs. 3 cr.

Spring only

SW 42000 - Social Work Practice in Care Coordination I
The first part of a two semester practice course. It is designed to help students apply the major psychological and sociological theories about illness, disease, policy frameworks, and evidence informed practices to care for older adults, the mentally ill and persons with chronic health issues.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 35000

coreq: SW 43000, 45000

fall only

SW 42100 - Social Work Practice in Care Coordination II

The second half of a two-semester practice course on Care Coordination. It deepens knowledge and skills of students learning how to apply psychological and sociological theories about illness, disease, policy frameworks, and evidence informed practice to care for older adults, mentally ill, and persons with chronic health issues.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000, 35000, 42000

coreq: SW 43100, 45100

3 hrs

3 cr.

spring only

SW 43000 - Integrative Seminar I

This is the first part of a two-semester Integrative Seminar taken in conjunction with field placements. Students are taught how to use assessment, planning, intervention and evaluation paradigms to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 34000 - or - 35000

coreq: SW 41000 - or - 42000; SW 45000

3 hrs

3 cr.

fall only

SW 43100 - Integrative Seminar II

This is the second semester skills building Integrative Seminar taken in conjunction with field placements. The assessment, planning, intervention and evaluation paradigms are used to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 35000 - or - 34000; 43000, 45000

coreq: SW 41100 - or - 42100; 45100

3 hrs

3 cr.

spring only

SW 44000 - Social Work Research

An introduction to basic research methods within the context of social work practice.

prereq: SW 20100, 31000, 31100, 33000, 33100, 32000; 34000 - or - 35000

3 hrs

3 cr.

fall only

SW 45000 - Social Work Field Instruction I

Field Work and Field Instruction is a 14 hour per week formal internship. It connects social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

prereq: SW 31000, 31100, 32000, 34000, or SW 35000, 33000, 33100

coreq: Social Work Practice in Child Welfare I, SW 41000 or Social Work Practice in Care Coordination I, SW 420, Social Work Research, SW 44000, Integrative Field Seminar I, SW 43000
This is the second semester of the year-long, 14 hour per week, course in Field work and Field Instruction that integrates social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

Prereq: SW 45000
Coreq: SW 41100 or SW 42100, SW 43100

Attendance Requirements
BSW program is a full time program. All courses and field work are offered only during the day. Students must attend on a full-time basis. Courses are offered sequentially by semester, and must be taken in order.

- All BSW classes, except for the Introduction to Social Work course, SW 20100, are held at the Silberman School of Social Work.

Grading Policy
BSW students will receive a letter grade for course work. A minimum overall GPA of 3.0 is expected to remain in good academic standing. Students who do not pass a continuing course offered over two semesters, sequentially will not be allowed to repeat the course until it is offered again in the curriculum sequence. Students will be allowed to repeat a course only one time.

Accreditation
The Silberman School of Social Work Bachelor in Social Work degree is accredited by the Council on Social Work Education (CSWE).

Degree Map
Degree Map for Bachelor of Social Work (BSW)
Minor in Community Organizing
Requirements
Students are required to take the following courses in sequence (15 cr):
- SW 36000 Introduction to Community Organizing
- SW 37000 Community Organizing Internship and Field Seminar
- SW 46000 Advanced Community Organizing Theory & Practice

Students are required to select two 3 credit electives from a menu of 3 credit elective courses approved by 11 Departments and Programs (see list below): Africana & Latino/Puerto Rican Studies; Anthropology; Community Health; Film & Media Studies; History; Political Science; Public Policy; Psychology; Sociology; Urban Studies; Women & Gender Studies; Asian American Studies. Courses applied by the student for his/her major may not be used to meet this minor's 6 credit elective requirement.
In depth examination of the social, cultural and political factors that influence and lead to health disparities and health inequalites. Course explores demographic trends in mortality and morbidity and the role of history, race, class, policy, and socioeconomic and cultural factors, and health literacy levels in the development and continuation of disparities in health. This course uses a social justice lens to understand health, health care and health disparities.
Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.

prereq: URBS 10200 or perm instr.
3 hrs
3 cr.

Sociology:

SOC 21700 - Race and Ethnicity Pluralism and Diversity
PD/B
GER 3/B
Dominant - subordinate relations among selected groups: Asians, Blacks, Hispanics, Jews, Indians, White ethnics.

prereq: SOC 10100
3 hrs
3 cr.

SOC 23500 - Community Organization and Action
GER 3/B
Evaluation of specific local and national action programs.

prereq: SOC 10100
3 hrs
3 cr.

SOC 23700 - Social Welfare Policy
GER 3/B
Development of welfare institutions. Consequences of welfare services for client and community.

prereq: SOC 10100
3 hrs
3 cr.

SOC 23900 - Child Welfare (W)
GER 3/B
Historical and contemporary perspectives on the impact of poverty on children and the social policies that deal with it.
cross-listed WGSP 23900 (W)
prereq: SOC 10100, ENGL 12000
3 hrs
3 cr.

SOC 25300 - Deviance and Social Control
Theories of causation and analysis of particular types of deviance: sexual, criminal, political.

**Prerequisites:**
- SOC 10100

**Credit Hours:** 3 cr.

**Course:**
- **SOC 25700**
  - **Title:** Sex and Gender Roles
  - **Description:** Sex role differentiation: femininity, masculinity, marriage, child rearing.
  - **Cross-listed:** WGSS 25700
  - **Prerequisites:** SOC 10100
  - **Credit Hours:** 3 hrs

**Course:**
- **SOC 25900**
  - **Title:** Mass Media, Communication and Public Opinion (W)
  - **Description:** Impact of mass media on public opinion and government action.
  - **Prerequisites:** SOC 10100, ENGL 12000
  - **Credit Hours:** 3 hrs

**Course:**
- **SOC 30700**
  - **Title:** Migration
  - **Description:** Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
  - **Prerequisites:** SOC 10100
  - **Credit Hours:** 3 hrs

**Course:**
- **SOC 30900**
  - **Title:** Social Movements and Social Change (W)
  - **Description:** Analysis of emerging groups inducing or resisting social change often using unconventional means in historical and/or international perspective.
  - **Prerequisites:** SOC 10100
  - **Credit Hours:** 3 hrs
SOC 31700 - Class, Status, and Power

Inquiry into the empirical and conceptual relation between the fundamental sociological constructs of 'class', 'status', and 'power' through a case study of the upper class in the United States. Review of current research and relevant theoretical approaches.

prereq: SOC 10100
3 hrs
3 cr.

SOC 31900 - Criminology

Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.

prereq: SOC 10100
3 hrs
3 cr.

SOC 32000 - Law, Society and Civil Rights

Examines from a sociological perspective the concept of law, and legal institutions and their relationship to society and culture, concentrating on the struggle for civil rights in America.

prereq: SOC 10100
3 hrs
3 cr.

Africana & Puerto Rican/Latino Studies:

AFPRL 18200 - Culture and Ethnic Identity
Hunter Core
World Culture and Global Issues (WCGI)

AFPRL 20500 - African American Politics of Social Change
Hunter Core
Individual and Society (Social Sciences)
- I&S SS
- Pluralism and Diversity
- PD/B

GER
2/B

The Civil Rights Movement and social change in U.S. Since 1954.

3 hrs
3 cr.
Leaders and Movements of Black Urban Communities (W)
Pluralism and Diversity
PD/B
GER
3/B
Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century.
prereq: AFPRL 20300 or 20400 or 20500
3 hrs
3 cr.

Caribbean Migration and New York City (W)
Pluralism and Diversity
PD/A or B
GER
3/B
An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.
prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800
3 hrs
3 cr

Poverty in Society (W)
GER
3/B
Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.
prereq: successful completion of any 2 AFPRL courses
3 hrs
3 cr.

Puerto Rican/Latino Politics in the United States (W)
Pluralism and Diversity
PD/B
GER
3/B
An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States.
prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.
3 hrs
3 cr.

Anthropology:
ANTHC 21800
The Anthropology of the Civil Rights Movement in the U.S.
This course examines the grassroots struggle to gain equality and justice in the United States, viewed as a social protest movement, from the perspective of cultural anthropology. The course will focus on the major events, themes and issues of the Civil Rights Movement and examine their effect in challenging the American concept of democracy; in changing those who participated in it; and in spawning other social movements that transformed American society and culture.

**Prerequisites:**

ANTHC 10100 or departmental permission

3 hours

3 credits

**Course Codes:**

ANTHC 30100 - Gender in Anthropological Perspective

ANTHC 32076 - Language, Sex and Gender

PSYCH 19000 - Development of Gender Roles
PSYCH 23000 - Social Psychology
Problems of human experience and behavior in the social context; theories and current methodology in research on the influence of the group on cognitive processes, motivation, personality structure and the self; attitudes and prejudice; leadership; group processes.

Writing Intensive
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 23500 - The Psychology of Women
Pluralism and Diversity
Psychological functioning of women; sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.

Writing Intensive
cross-listed WGSP 23500 (W)
prereq: PSYCH 10000 and any other 3 cr PSYCH course
prereq or coreq: ENGL 12000
3 hrs
3 cr.

PSYCH 33400 - Cultural Psychology
As our society becomes more multicultural, the question of how culture impacts psychological processes is increasingly important. The goal of this course is to expose students to the ways that cultural meanings, practices, and institutions influence and reflect individual human psychologies, with an emphasis on cultural variability in psychological theories and research findings. Topics include but are not limited to: a) What is cultural psychology; b) Research methods in cultural psychology; c) Historical and conceptual issues in cultural psychology d) cross-cultural models of self, attention, perception, morality, memory, human development and health, e) cultural differences in gender effects and f) policy implications of cultural psychology

prereq: ENGL 12000, Completion of PSYCH 24900 or 25000 and PSYCH 23000
3 hrs.
3 cr.

PUPOL 10000 - Introduction to Public Policy
An interdisciplinary introduction to public policy utilizing the literature and tools of a variety of social science disciplines. This course introduces students to basic concepts and approaches in public policy. It will acquaint students with public policy as a field of study, the basic elements of the policy making process, and distinct modes for analyzing public policy and its outcomes. It will be team-taught by faculty from at least two related social science disciplines.

Writing Requirements: This course will require 20 to 25 pages of writing in the form of two take home essay examinations (4-5 pages each), a proposal for a final paper (3-5), and a final paper (8-10 pages).

Open only to students enrolled in the program. Cannot be used to fulfill any other requirements. This course is taken at the state of the art Roosevelt House.

prereq: declaration of a minor/certificate in Public Policy and a minimum GPA requirement of 3.0
3 hrs
3 cr.

SOC 21800 - Social Inequality
Examination of social inequality in contemporary society from various empirical and theoretical perspectives focusing on class, ethnic, gender, and other determinants of stratification.

Prereq: SOC 10100
3 hrs
3 cr.

Film And Media Studies:
FILM 22700 - Representations of Race and Ethnicity in U.S. Media
Pluralism and Diversity
PD/B
GER

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

Prereq: FILM 10100
4 hrs
3 cr.

FILM 32800 - Images of Resistance in the Developing World
Pluralism and Diversity
PD/A
GER

Focuses on challenges by developing world films and filmmakers to Western media stereotypes.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

Prereq: FILM 10100
4 hrs
3 cr.

MEDIA 37000 - The Press and the Public
GER

Analysis and discussion of relationship of the press to great issues of our time.

Prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 38100 - Propaganda and the Mass Media
GER

GE
Study of mass media (broadcast, film, print) as forms for propaganda.

Prereq:

MEDIA 18000
3 hrs
3 cr.

MEDIA 28400
Women and Media
Pluralism and Diversity
PD/C
GER
3/A
Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.

Cross-listed
WGSA 38400 (W)
Prereq:
MEDIA 18000
3 hrs
3 cr.

MEDPL 37700
Neighborhood News (W)
An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.

Prereq:
MEDIA 18000 and MEDPL 201
3 hrs
3 cr.

History:

HIST 31700
History of the American City
Pluralism and Diversity
PD/D
GER
3/B
History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 31800
History of the American Working Class (W)
Pluralism and Diversity
PD/D
GER
3/B
History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people. Courses at the 300-level and above not offered to freshmen.

Prereq or Coreq:
ENGL 12000
3 hrs
3 cr.
The course focuses on the political development of federal immigration policy, and on historical and contemporary issues in policy design and implementation. The course also surveys recent findings and debates arising from empirical analyses of immigration policy.

Prerequisites: ENGL 12000 or its equivalent and POLSC 11000/11100 or HIST 15100/15200

Analysis of historical and contemporary protest movements in the context of American politics; includes key concepts and explanatory factors in social movement theory, and movements such as the anti-slavery, women's suffrage, labor, civil rights, anti-war, feminist, environmental, gay rights, pro-choice, pro-life, and Patriot movements.

Prerequisites: ENGL 12000 or equivalent

Major theories and empirical approaches to the study of race, ethnicity, and gender in American politics. Study of identity as an organizing and motivating force in American politics.

Prerequisites: ENGL 12000 and any political science course

A critical survey of different conceptions of democracy: issues include democracy as a political order, democracy and 'non-political' forms of life (e.g., business, family, religion), toleration, political representation, democracy and justice.

Prerequisites or corequisites: ENGL 12000 or its equivalent; one course in political theory or perm instr.
Readings in feminist ideas, both historical and contemporary, on issues of power, justice and equality. The course will emphasize different perspectives, including those of liberal, radical, postmodernist, women of color, third world and 'global' feminists.

CROSS-LISTED
WGST 30900 (W)

Prereq: ENGL 12000 or its equivalent; one course in political theory or perm instr.

3 hrs
3 cr.

POLSC 27225
Comparative LGBT Politics *

Women & Gender Studies:
WGS 24400
Transnational Feminisms

Exploring the gender dynamics of racial, ethnic, and economic relations of power in domestic, international, and transnational settings. We will examine feminist scholarship produced by and about American women of color, Third World women, and other social and political actors whose experiences and thinking have shaped contemporary ideas about gender in different parts of the world.

Prereq: WGS 10000, ENGL 12000

3 hrs
3 cr.

WGSS 15000
Introduction to LGBTQI Studies

Psychological foundations, sexual development and response patterns; male and female roles; individual and social attitudes, legal issues.

3 hrs
3 cr.

WGSS 26600
Our Bodies, Our Politics

Sex and sexuality are commonly understood as an innate drive, but as science has recently begun to show, the way we experience sexuality is better understood as a series of connected cultural practices. It is the constructed meaning attached to the act of sex that make up the foundation of our sexuality. This meaning changes across cultures and communities and has historically been a subject of political and legal struggle. From the battle for reproductive rights to laws limiting dildo ownership in Texas, our own bodies and the way we experience them are legislated and controlled.
This course will explore the multiple intersections between gender and migration. We will study how patterns of migration are fundamentally gendered, how migration affects men and women differently, and how migration policies in sending and destination countries can have gendered outcomes.

prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr.

WGSP 39800 - Community Leadership Seminar (W)

Pluralism and Diversity

By exposing students to scholars, advocates, organizers, service providers and activists involved in welfare policy and anti-poverty work, the course critically engages the social welfare system and its impact on women, people of color, queer people, and the poor. The seminar develops the required skills for leaders, trainers and community organizers.

prereq: ENGL 12000
3 hrs
3 cr.

 WGSS 30002 - Reproductive Rights in the United States *

WGSL 20004 - Gender and Human Rights *

WGSL 20010 - Sexuality, Race and Economics *

WGSC 20001 - Writings from Detention: Repression, Gender & Politics *

WGSP 20003 - Prison Writing Memoirs *

WGSP 20010 - Gender, Sexualities & Indigenous Rights *

WGSP 20011 - Sex Education and Public Policy *

WGSP 20051 - Gender, Disability & Embodiment *

WGSP 20057 - Gender & Health Policy *

WGSP 20070 - Prison, Human Rights & Gender

Asian American Studies

ASIAN 23002 - Asian American Communities and Mental Health

Hunter Core

Individual and Society (Social Sciences) - I&S SS

Pluralism and Diversity

Introduction to psychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery.

3 hrs
3 credits

ASIAN 39002 - Asian American Civil Rights and the Law

Pluralism and Diversity

Critical examination of major immigration and civil rights laws and Supreme Court cases that have affected Asian Americans.

3 hrs
3 cr.
Courses followed by '*' are experimental and will be offered only certain semesters. Please check the schedule of classes.

---

**SW 20100 - Introduction to Social Work**

Introduces the beginning student to the philosophy, mission and challenges of social work. It provides a broad overview of the history, values, ethics, knowledge base, as well as populations we work with, and some of the practice methods and interventions we use to ameliorate problems.

**Course was formerly named SOC 23100**

**Prerequisites:** ENGL 1200 or SOC 10100 or PSYCH 10000

**Credit Hours:** 3 hrs

---

**SW 31000 - Social Work Practice and Learning LAB I**

Social Work Practice Lab (PL) I, is the first part of a two-semester foundation course that introduces the BSW student to professional social work practice with individuals, families, groups, organizations and communities.

**Prerequisites:** SW 20100 Introduction to Social Work

**Co-requisites:** SW 33000 Human Behavior and the Social Environment I; SW 32000 Social Work Policy I

**Credit Hours:** 3 hrs

---

**SW 31100 - Social Work Practice and Learning LAB II**

Social Work Practice Lab (PL) II, is the second part of a two-semester foundation course and builds on the foundational issues and generalist practice approach in Social Work Practice Lab I.

**Prerequisites:** SW 21000, SW 32000, SW 33000, SW 31000

**Credit Hours:** 3 hrs

---

**SW 32000 - Introduction to Social Welfare Policy & Services**

Provides students with orienting knowledge and skills needed to examine social welfare policies and to understand their relevance to social service delivery and practice.

**Prerequisites:** SW 20100

**Co-requisites:** SW 31000, SW 33000

**Credit Hours:** 3 hrs

---

**SW 33000 - Human Behavior in the Social Environment I**

Provides a foundation for students to make conceptual linkages between multiple formulations of the person-environment configuration in understanding the complexities of human behavior, while paying specific attention to both social diversity and human development.

**Prerequisites:** SW 20100

**Co-requisites:** SW 31000, SW 32000

**Credit Hours:** 3 hrs

---

**SW 33100 - Human Behavior in the Social Environment II**
Continuation of the two-semester course (SW 33000/33100). It builds on a foundation of knowledge on "human behavior in the social environment" for social work practice with individuals, families, groups, organizations and communities.

**Prerequisite:** SW 20100, SW 33000

**Corequisite:** SW 34000

3 hrs. 3 cr.

**SW 34000 - Social Work Policy in Child Welfare**

This course is designed to help students understand the current and historical context of child welfare policies and programs in New York and the United States; the major issues in child welfare; policy frameworks; and services and practices in the child welfare arena.

**Prerequisite:** SW 20100, SW 31000, SW 32000

**Corequisite:** SW 31100, SW 33100

3 hrs. 3 cr.

**Spring Only**

**SW 35000 - Social Work Policy II in Care Coordination**

An overview of health care and care coordination systems and policies, with a specific focus on the role of social workers in implementing care coordination services to aging, health and mental health clients.

**Prerequisite:** SW 20100, SW 31000, SW 33000

**Corequisite:** SW 31100, SW 33100

**Prerequisite or Corequisite:** SW 32000

3 hrs. 3 cr.

**Spring Only**

**SW 36000 - Introduction to Community Organizing**

The purpose of this course is to provide an introduction to the theory and practice of community organizing. It will explore the diverse roles, goals and strategies used by community organizers to affect social change from a Human Rights perspective. Models of community organizing include mass mobilization, social action, grass roots empowerment, leadership development and advocacy. Special attention will be paid to issues of gender, class, race, ethnicity

3 hrs. 3 cr.

**SW 37000 - Community Organizing Internship and Field Seminar**

This is a one semester, 100 hour supervised Field Internship and a bi-weekly Community Organizing seminar. The purpose of the Internship is to develop skills and apply theory and concepts obtained in the Introduction to Community Organizing course (SW 360). Students choose their organization from a vetted list of community-based organizations provided by the Instructor. They negotiate the hours with the supervisor and approved by the Course Instructor. Among the acquired skills identified are: Organizing and Planning, Interpersonal, Analytical, Administrative and Tactics and Strategies. During the seminar, students have the opportunity to develop group facilitation and leadership skills, personal self-reflection and professional values and ethics using a social justice and human rights lens.

**Prerequisite or Corequisite:** SW 36000

3 hrs. 3 cr.

**SW 41000 - Social Work Practice in Child Welfare I**

Social Work Practice in Child Welfare I is designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to interventions and services in child welfare.

**Prerequisite:** SW 20100, 31000, 31100, 33000, 33100, 32000, 34000

**Corequisite:** SW 43000, 45000
Social Work Practice in Child Welfare II

The 2nd semester of a year long practice course designed to help students apply the major psychological and sociological theories about attachment, trauma, and development; policy frameworks; and evidence-informed practices to interventions and services in child welfare.

Prerequisite:

- SW 20100
- 31000
- 31100
- 33000
- 33100
- 32000
- 34000
- 41000

Corequisite:

- SW 43100
- 45100

Social Work Practice in Care Coordination I

The first part of a two-semester practice course. It is designed to help students apply the major psychological and sociological theories about illness, disease, policy frameworks, and evidence-informed practices to care for older adults, the mentally ill, and persons with chronic health issues.

Prerequisite:

- SW 20100
- 31000
- 31100
- 33000
- 33100
- 32000
- 35000

Corequisite:

- SW 43000
- 45000

Social Work Practice in Care Coordination II

The second half of a two-semester practice course on care coordination. It deepens knowledge and skills of students learning how to apply psychological and sociological theories about illness, disease, policy frameworks, and evidence-informed practice to care for older adults, mentally ill, and persons with chronic health issues.

Prerequisite:

- SW 20100
- 31000
- 31100
- 33000
- 33100
- 32000
- 35000
- 42000

Corequisite:

- SW 43100
- 45100

Integrative Seminar I

This is the first part of a two-semester integrative seminar taken in conjunction with field placements. Students are taught how to use assessment, planning, intervention and evaluation paradigms to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

Prerequisite:

- SW 20100
- 31000
- 31100
- 33000
- 34000
- or
- 35000

Corequisite:

- SW 41000
- or
- 42000
- SW 45000

Integrative Seminar II

This is the second semester skills building integrative seminar taken in conjunction with field placements. The assessment, planning, intervention and evaluation paradigms are used to facilitate the application of skills and knowledge in direct social work practice with individuals, families and groups.

Prerequisite:

- SW 20100
- 31000
- 31100
- 33000
- 33100
- 32000
- 35000
- 34000
- 43000
- 45000

Corequisite:

- SW 41100
- or
- 42100
- 45100
An introduction to basic research methods within the context of social work practice.

prereq:

SW 20100, 31000, 31100, 33000, 33100, 32000; 34000 - or - 35000

3 hrs
3 cr.
fall only

Field Work and Field Instruction is a 14 hour per week formal internship. It connects social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

prereq:

SW 31000, 31100, 32000, 34000, or SW 35000, 33000, 33100

coreq:

Social Work Practice in Child Welfare I, SW 41000 or Social Work Practice in Care Coordination I, SW 420, Social Work Research, SW 44000, Integrative Field Seminar I, SW 43000

3 hrs
3 cr.

This is the second semester of the year-long, 14 hour per week, course in Field work and Field Instruction that integrates social work practice theory and concepts learned in the classroom, with the practical world, and skills building needs required for agency based social work practice.

prereq:

SW 45000

coreq:

SW 41100 or SW 42100, SW 43100

3 hrs
3 cr.

The purpose of this course is to deepen the knowledge and skills of students in the theory and practice of community organizing with an emphasis on critical thinking and reflection. It builds upon and extends the framework and basic concepts of the "Introduction to Community Organizing" course SW 36000. The course provides an overview of historical and contemporary community organizing practices in the United States, and analyzes power and oppression in social movements with special attention to the impact of structural discrimination on low income communities and communities of color. It also includes skills in community-based participatory action research and collaboration.

prereq:

SW 36000

prereq or coreq:

SW 37000

3 hrs
3 cr.

The Program in Religion at Hunter College is the oldest, largest and most comprehensive program of religious studies in the City University. It offers over eighty courses, including several courses in aspects of each of the major world religions (Judaism, Christianity, Islam, Hinduism and Buddhism) as well as in the traditional religions of Africa, Oceania and the Americas; courses in various methodological approaches to the study of religions; and courses in specific issues (such as faith and disbelief, mysticism, myth and ritual, religious experience, the problem of evil, the meaning of love and sex, and the meaning of death) that are fundamental to all religions.

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Religion, the
REL 11000 - Nature of Religion (W)

Hunter Core
Individual and Society (Humanities)
GER 2/C
Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.
3 hrs
3 cr.

REL 11100 - Approaches to Religion (W)

Hunter Core
Individual and Society (Humanities)
GER 2/C
Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20400 - Religious Experience (W)

Hunter Core
Individual and Society (Humanities)
GER 2/C
Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20500 - Faith and Disbelief (W)

Hunter Core
Individual and Society (Humanities)
GER 2/C
Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20600 - Ideas of God in Contemporary Western Thought (W)
for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the
sex- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various
Astrology is a belief system that exists cross-culturally because the sky is an omnipresent cultural resource, and while different civilizations have varied beliefs about the meaning of celestial activity, those beliefs share a common thread: the sky is sacred, and celestial activity is an expression of that sacrality. The names of the planets and the stars, as well as their myths and stories may differ from tradition to tradition, but ancient astronomers of every
Study of Judaism, Christianity, and Islam with some considerations of Zoroastrian parallels.

**Prerequisites:**
- ENGL 12000
- 3 hrs
- 3 cr.

**REL 25400**
- Tribal Religions: From Australia to the Americas (W)
- Hunter Core
- World Culture and Global Issues (WCGI)
- Pluralism and Diversity
- PD/A or B
- GER
- 2/C

Study of indigenous religions of Pacific Islanders and North American Indians.

**Prerequisites:**
- ENGL 12000
- 3 hrs
- 3 cr.

**REL 25500**
- Religions of Two Gods (W)
- Hunter Core
- Individual and Society (Humanities)
- I&S H
- Pluralism and Diversity
- PD/A
- GER
- 2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

**Prerequisites:**
- ENGL 12000
- 3 hrs
- 3 cr.

**REL 25600**
- Afro-Caribbean Religions (W)
- Hunter Core
- World Culture and Global Issues (WCGI)
- Pluralism and Diversity
- PD/B
- GER
- 2/C

An introduction to the diversity of African-based religions in the Caribbean and beyond.

**Prerequisites:**
- ENGL 12000
- 3 hrs
- 3 cr.

**REL 25700**
- Religions of Ancient Central and South America (W)
- Hunter Core
- World Cultures and Global Issues (WCGI)
Pluralism and Diversity

Exploration of the religious traditions of several pre-Columbian cultures of Central and South America using both material culture and texts, and raising such central questions in the study of religion as the nature of cosmologies and their relation to ritual, architecture, and social organization.

The course will also briefly consider if the thread of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

prereq: ENGL 12000
3 hrs
3 cr.

REL 25800 - Religions of Ancient Europe (W)
Hunter Core
World Cultures and Global Issues (WCGI)

Pluralism and Diversity

Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples--the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe--as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational for future cultural developments.

prereq: ENGL 12000
3 hrs
3 cr.

REL 27000 - Religion and Psychology (W)
Hunter Core
Individual and Society (Humanities) I&S H

Pluralism and Diversity

A major in religion consists of 24 credits. Students are required to take REL 11000 - Nature of Religion and REL 11100 - Approaches to Religion followed by at least one course in theoretical studies, at least one course in religious issues, and at least one course in religious traditions. It is recommended that students take REL 25100 - Asian Religions and REL 25300 - Abrahamic Religions from the religious traditions course offerings.

On becoming a major the student, in consultation with the director, will select one member of the program in Religion staff as his or her major adviser. Each religion major is required to consult with this adviser at least twice a year.
I. Introduction to the Field of Religion

REL 11000 - Nature of Religion (W)

Hunter Core

Individual and Society (Humanities) - I&S H

GER 2/C

Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.

3 hrs

3 cr.

REL 11100 - Approaches to Religion (W)

Hunter Core

Individual and Society (I&S) Humanities

GER 2/C

Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.

prereq: ENGL 12000

3 hrs

3 cr.

II. Theoretical Studies in Religion

REL 27000 - Religion and Psychology (W)

Hunter Core

Individual and Society (Humanities) - I&S H

Pluralism and Diversity - PD/D

GER 2/C

An examination of ways in which psychology understands, describes, values (or devalues) religion using the media of text, story and film.

prereq: ENGL 12000

3 hrs

3 cr.

SOC 20500 - Sociology of Religion

GER 3/B

Comparative study of religion in human societies. Analysis of beliefs, myths and sacred attitudes.

prereq: SOC 10100

3 hrs

3 cr.
PHILO 26200 - Philosophy of Religion (W)

GER 3/A
Philosophical examination of some religious questions and beliefs.
prereq: one course in philosophy or religion (see statement under Program Prerequisites)
3 hrs
3 cr.

ANTHC 30700 - Anthropology of Religion

Pluralism and Diversity
PD/A
GER 3/B
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.
3 hrs
3 cr.

REL 39000 - Modern Theories of Religion (W)

Pluralism and Diversity
PD/D
GER 3/A
An interdisciplinary continuation of the study of methodological and theoretical issues begun in REL 11100, focusing on current debates and contemporary literature.
prereq: ENGL 12000, REL 11100
3 hrs
3 cr.

REL 26000 - Special Topics: Theoretical Studies in Religion

Specialized study of a methodological approach to the study of religion. Different topic each time offered.
3 hrs
3 cr.

REL 36000 - Special Topics: Theoretical Studies in Religion

GER 3/A
Specialized study of a methodological approach to study of religion. Different topic each time offered.
3 hrs
3 cr.

III. Issues in Religion
REL 20400 - Religious Experience (W)
- Hunter Core Individual and Society (Humanities)
- I&S H Pluralism and Diversity
- PD/D GER 2/C

Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20500 - Faith and Disbelief (W)
- Hunter Core Individual and Society (Humanities)
- I&S H Pluralism and Diversity
- PD/D GER 2/C

Examination of questions of faith and disbelief in modern Western thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20600 - Ideas of God in Contemporary Western Thought (W)
- Hunter Core Individual and Society (Humanities)
- I&S H Pluralism and Diversity
- PD/D GER 2/C

Survey of representative schools of current Western religious thought: Christian theism, metaphysical protest, process theology, feminist theology, liberation theology, beyond theism thought.
prereq: ENGL 12000
3 hrs
3 cr.

REL 20700 - Religious Sources for Morality (W)
- Hunter Core Individual and Society (Humanities)
- I&S H Pluralism and Diversity
- PD/D GER 2/C

Religious reasons for determining good and evil; religious sources for ethical decisions.
movements for, international human rights swept the globe in the latter parts of the 20th century, scholars and religious thinkers examined and assessed the confluence of the world's religious systems of thought, conscience, and belief with the norms and standards of the human rights project.

Yet, even as religious thinkers and leaders contribute significantly to human rights movements around the world, some human rights norms—such as those prohibiting gender- or religion-based discrimination, prohibitions on certain forms of punishment—seem to conflict head on with the strictures of various religions. This course will examine these various intersections.

Why about what we think of God? At the end of the semester, we will even consider the possibility of atheism as not merely a religious but a devotional stance.
REL 30700 - Religious Ideas in Modern Literature (W)

Pluralism and Diversity
PD/D
GER
3/A
Exploration of religious themes in modern literature.
prereq: ENGL 12000
3 hrs
3 cr.

REL 30800 - Religion and the Arts (W)

Pluralism and Diversity
PD/D
GER
3/A
Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.
prereq: ENGL 12000
3 hrs
3 cr.

REL 30900 - The Religious Meanings of Love and Sex (W)

Pluralism and Diversity
PD/D
GER
3/A
Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.
prereq: ENG L 12000
3 hrs
3 cr.

REL 31000 - The Religious Meanings of Death (W)

Pluralism and Diversity
PD/D
GER
3/A
Consideration of the meaning of death in major world religions.
prereq: ENGL 12000
3 hrs
3 cr.

REL 31100 - Women and Religion (W)
An examination of the role of women and the concept of the feminine in world religions.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 31200 - Religion and Politics (W)

The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and non-Western traditions, both conservative and radical.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 31300 - Ecospirituality: Religion and Nature (W)

An exploration of the ideas of nature and animal life in a representative sampling of the religious traditions of the world, inquiring into the implications for environmental policy and the treatment of animals.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 31400 - Religion and Sports (W)

A study of sport using the methods and concerns of scholarship in religion, considering sports as a form of religious expression; and reflexively, an introduction to the concerns and methods of the academic study of religion by means of a concentration on sport.

Course foci:
a) the meaning of sport forms derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of

derivative of its religious setting in a sampling of traditional cultures; b) the values expressed in sport forms considered as rituals; c) the rise of
Some years ago, it was deemed axiomatic that all talk of the generic human was really framed by the experience of men, and women's issues were thereby suppressed and overlooked. It has become increasingly recognized by scholars that the generic human is neither male nor female, and such scholars—both male and female—have begun to address issues specific to men. This course is intended to explore some of the concerns that come to expression in this emerging scholarship. Specifically, it focuses on the content of the masculinity within the religious imaginary, the way in which religion has historically promoted the masculinity of males, and on the way in which religion used the rhetoric of masculinity to promote itself.

As human expressions, both religion and film attempt to describe the world and organize it into a meaningful place for human activity. This course will survey the mutual academic studies of both film and religion, as well as the emerging discipline of 'religion and film studies.' As such, students will explore the nature of vision, representation, and narrative—topics central to both film and religious studies. Students will also view and analyze films by deploying the tools and insights of the modern academic study of religion as well as those of the philosophy of science.

This course will explore the various representations of the body in world religious traditions. Through an assortment of primary sources and secondary literature, the course will examine what these traditions suggest about how the human body exists, perceives, engages with the world, creates, and participates in the moral and visceral fabric of life. The topic of the body and religion will be approached from philosophical, sociological, anthropological, and historical perspectives as the course considers the relationship between the body and society, nature and culture, and the sacred and the profane. Themes such as gender, disability, food, sex, and death will be treated in the effort to understand what it means to be a body and to have a body in a variety of religious contexts.
Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis.

prereq: ENGL 12000
3 hrs
3 cr.

REL 34000 - Homosexuality in World Religions (W)
A survey and analysis of typical ways in which homosexuality has been understood, evaluated and in some cases institutionalized in a variety of religious traditions, attending especially to implicit constructions of gender.

prereq: ENGL 12000
3 hrs
3 cr.

REL 26100 - Special Topics: Issues in Religion
Study of particular religious topics or thinkers. Different subject each time offered.
3 hrs
3 cr.

IV. Religious Traditions
Ancient Religions
REL 25200 - Ancient Near Eastern Religions (W)
Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).
The course will also briefly consider if the theory of Mesoamerican, Central and South American religions still holds in the modern age, whether in modern syncretic religious movements or pockets of traditional life-ways.

prereq:
ENGL 12000
3 hrs
3 cr.

REL 25800
Religions of Ancient Europe (W)
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D D
GER 2/C
Exploration of the religions of Europe before influence of the Classical Greek, Roman and Christian worlds. Areas covered include the material culture of pre-literate peoples—the prehistoric cave art of the Upper Paleolithic and farming settlements of the British Isles, Central Europe, Iberia, Scandinavia, the Balkans and Eastern Europe—as well as ancient texts revealing beliefs and practices which pre-exist Christian influence and are foundational.
Comparative study of ancient Near Eastern literature and the Hebrew Bible.

Asian Religions

Study of Hinduism, Buddhism, Jainism, Taoism and Confucianism.

prereq:
ENGL 12000

Study of Hinduism, its development, history, literature, philosophy and religious practices.

prereq:
ENGL 12000

Study of Buddhism, its development, history, literature, philosophy and religious practices.

prereq:
ENGL 12000
An inquiry into the teachings of Chinese and Japanese Zen in light of their Buddhist and Daoist backgrounds.

Prereq: ENGL 12000

Readings from the classics of Chinese philosophy found in Confucian, Taoist and Buddhist traditions.

Prereq: ENGL 12000

Readings from classics of Indian philosophy, drawn from the Vedic, Buddhist and Indo-Tibetan traditions.

African, Afro-Caribbean and Afro-American Religions

Prereq: ENGL 12000
An introduction to the diversity of African-based religions in the Caribbean and beyond.

prereq:
ENGL 12000
3 hrs
3 cr.

AFPRL 22000 - African Spirituality in the Diaspora
Pluralism and Diversity
PD/A or B
GER
3/C
The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.
3 hrs
3 cr.

AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)
Pluralism and Diversity
PD/A
GER
3/A
Examination of African religious systems, metaphysical conceptions and philosophy.
prereq:
AFPRL 22200 or perm instr.
3 hrs
3 cr.
offered every other sem.

AFPRL 32300 - Islam and Christianity in Africa (W)
GER
3/A
Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.
prereq:
AFPRL 201 or 202 or 222 or perm instr.
3 hrs
3 cr.

AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)
Pluralism and Diversity
PD/A or B
GER
3/A
Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.
prereq:
AFPRL 14100 or 24300
The Black Church and Social Change

A depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.

Prereq: AFPRL 20300 or 20400 or 20500 or perm instr.

Abrahamic Religions

REL 25300 - Abrahamic Religions (W)

Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/D

GER

2/C

Study of Judaism, Christianity, and Islam -- with some considerations of Zoroastrian parallels.

Prereq: ENGL 12000

REL 25500 - Religions of Two Gods (W)

Hunter Core

Individual and Society (Humanities) -- I&S H

Pluralism and Diversity

PD/A

GER

2/C

A survey of historical varieties of dualistic religion both classical and modern which inquires into the moral grounds for their recurring appeal.

Prereq: ENGL 12000

HEBR 24000 - Introduction to the Old Testament

Hunter Core

World Cultures and Global Issues (WCGI)

Pluralism and Diversity

PD/A

GER

2/C
Survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.

HEBR 25900 - Old Testament Religion
Hunter Core
World Cultures and Global Pluralism and Diversity
GER 2/C
Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible. 3 hrs 3 cr

HEBR 29200 - The Hebrew Prophets
Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/A
GER 2/C
Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought. 3 hrs 3 cr

HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)
Pluralism and Diversity
PD/A
GER 3/A
Study of form, content and religious significance of these two enigmatic masterworks. 3 hrs 3 cr

HIST 21000 - History of Judaism
GER 2/B
Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam. Courses at the 300 - level and above not offered to freshmen. 3 hrs 3 cr.
HIST 30900 - Jewish History in the Ancient World

Pluralism and Diversity

PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times.

Courses at the 300-level and above not offered to freshmen.

3 hrs / 3 cr.

HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity

PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.

Courses at the 300-level and above not offered to freshmen.

3 hrs / 3 cr.

HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity

PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends.

Courses at the 300-level and above not offered to freshmen.

Prereq or coreq: ENGL 12000

3 hrs / 3 cr.

REL 33000 - New Testament Religion (W)

Pluralism and Diversity

PD/D
GER
3/A


Prereq: ENGL 12000

3 hrs / 3 cr.

REL 32300 - Christianity (W)
Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in it various expressions.

**Prerequisites:**
- ENGL 12000
- 3 hrs
- 3 cr.

**REL 33300 - Christian Theology (W)**
- An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God and grace.
- **Prerequisites:** ENGL 12000
- 3 hrs
- 3 cr.

**HIST 31400 - Ancient and Medieval Christianity (W)**
- The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.
- **Courses at the 300-500 level and above not offered to freshmen.**
- **Prerequisites or Corequisites:** ENGL 12000
- 3 hrs
- 3 cr.

**HIST 31500 - Christianity in Modern Times**
- Not offered to freshmen. Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.
- 3 hrs
- 3 cr.

**HIST 31600 - History of Religion in the United States**
- Changing European churches and indigenous American sects; their architecture, leaders and ideas.
- **Courses at the 300-500 level and above not offered to freshmen.**
REL 32200 - Islam (W) 

Pluralism and Diversity

PD/A

GER

3/A

Study of Islam, its development, history, literature, philosophy and religious practices.

prereq: ENGL 12000

3 hrs

3 cr.

REL 32400 - Islam and Buddhism (W) 

Pluralism and Diversity

PD/A

GER

3/A

Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.

prereq: ENGL 12000

3 hrs

3 cr.

REL 32600 - Religious Meanings of the Qur'ān (W) 

GER

3/A

This course introduces students to the study of the Qur'ān based on the traditional Islamic "sciences of the Qur'ān" (`Ulūm al-Qur'ān). Using an introductory text on the Qur'ānic sciences, the course will introduce the traditional areas of concern in the Qur'ānic sciences: the revelation, transmission, form, language and style, hermeneutics, and principles and types of exegesis. The course will continue by introducing students to representative literature, introducing the students to representative examples of the types of material referred to in the introductory text. This material provides

REL 33700 - Sufism (W) 

Pluralism and Diversity

PD/A

GER

3/A

A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.

prereq: ENGL 12000

3 hrs

3 cr.
Study of indigenous religions of Pacific Islanders and North American Indians.

prereq: ENGL 12000
3 hrs
3 cr.

Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.

3 hrs
3 cr.

Open to majors only. Individual research and writing on topic in religion under supervision of a religion professor.

May be taken a second or third time with another subject.

prereq: perm chair
hrs TBA
1 - 6 cr.

Honors

To be eligible for honors classes a student must have the director’s permission and at least a 3.5 GPA in the major and cumulatively. To qualify for departmental honors, a student must complete one of the honors courses with a grade of B or above, achieving a final GPA in Religion and cumulatively of at least 3.5.

Honors Seminar in Religion
Africana Studies as a "discipline" seeks to study, interpret, explain, and articulate the cultural, historical, political, economic, and spiritual experience of people of African descent throughout the world. Africana Studies is "Pan-Africanist" in approach and focus, seeking to emphasize the connections between African peoples and their cultures throughout the world, while acknowledging the differences that have evolved because of historical realities, geographical location, specific forms of colonial oppression, and cultural interaction.

The African-centered perspective of the sequence implies an approach to reality which begins with the African and African-Diasporic experience. Its presupposition is that the meaning of that experience cannot be determined without reference to Africa as the source, its point of origin. As such, our sequence is lodged firmly within the African-Centered Movement; a liberatory and intellectual movement born out of the struggle, conflict, and victory of the decolonization process.

The Puerto Rican/Latino Sequence is geared towards a multidisciplinary pedagogical and philosophical approach which encompasses the study of Puerto Rico, the Dominican Republic and Cuba specifically, and the rest of the Caribbean in a comparative perspective. We also engage in the study and analysis of the Puerto Rican Diaspora and other Latino groups in the U.S. The study of the Puerto Rican experience is framed within the racial, historical, linguistic, religious, social and cultural syncretism that evolved from the interaction of the native Taíno population, Africans, the Spanish colonizers and the U.S. presence.

What can I do with my degree in Africana & Puerto Rican/Latino Studies?
The Department of Africana & Puerto Rican/Latino Studies prepares students for a broad range of careers in the public and private sector; for entrance to professional schools such as law, social work, urban planning and medicine, and for graduate study and research in the social sciences and humanities. The department has a long history of nurturing students' intellectual discipline, creativity, and social and political awareness. Graduates of the department have pursued careers in journalism, counseling, teaching, public policy, community development, media, politics, psychology and in international affairs. The department's interdisciplinary structure offers students an opportunity to satisfy the increasing expectations of admissions committees and prospective employers for a broad liberal arts perspective that complements the specialized knowledge of a field.
Given the interdisciplinary organization of the department, students may elect to concentrate their program of study in the Africana sequence, Puerto Rican/Latino sequence or a combination of both with courses from social sciences and humanities offered by the department.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR]). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (30 credits)

6 credits from among

AFPRL 20100 - African History from Human Origins to 1600 CE

Hunter Core
    World Culture and Global Issues (WCGI)
    Pluralism and Diversity (PD/A)
    GER 2/B

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.

3 hrs
3 cr.

AFPRL 20200 - African History Since 1600 CE

Hunter Core
    World Culture and Global Issues (WCGI)
    Pluralism and Diversity (PD/A)
    GER 2/B

Main currents of African history from 1600 CE to present

3 hrs
3 cr.

AFPRL 20300 - African American History I

Pluralism and Diversity (PD/B)
    GER 2/B

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.
AFPRL 20400 - African American History II
Pluralism and Diversity
PD/B
GER 2/B
Survey of historical experiences of African people in U.S. from Reconstruction to the present.

3 hrs
3 cr.

AFPRL 20900 - Introduction to Caribbean History to 1900
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER 2/B
Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 21000 - Introduction to Caribbean History: 1900 to Present
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER 2/B
Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 24100 - Puerto Rican History to 1897
Pluralism and Diversity
PD/A
GER 2/B
An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr.
Sociohistorical, political and economic analysis of Puerto Rico datin
g from the U.S. invasion to the present. 3 hrs 3 cr.

Fieldwork in African American/Latino Communities
Fieldwork involvement and sociopolitical analysis of a community organization in the Black and/or Puerto
Rican/Latino communities. Course open to Majors and Minors Only 3 hrs 3 cr. each 21 credits • Of which at least 12 must be taken at the 300 and/or 400 level. At least 3 credits must be taken in Puerto Rican/Latino studi
es if the student's concentration is

The honors research course, AFPRL 49900, is open to AFPRL upper seniors who have a 3.5 GPA in the major with a 3.0 GPA overal

The research theme changes every academic year.
The project is supervised by one full
time AFPRL faculty member but is read and graded by the supervisor and two additional AFPRL full
time faculty members.

The degree map is a term
by
term sample course schedule to make it easier for you to understand how to graduate in four years with an AFPRL major. The Degree Map is a tool to assist you and your
advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your
specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your
Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

Prereq: Successful completion of developmental courses, if required

3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Individual & Society/ Social Sciences
- US Experience in its Diversity

Spring

AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)

Hunter Core
- English Composition (EC)
- Pluralism and Diversity (PD/A or B)

GER

2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.

Prereq: ENGL 12000

3 hrs
3 cr

- Individual & Society/ Humanities
- Foreign Language Elementary Level 2
- Life & Physical Sciences
- Elective

Sophomore Year

Fall

- AFPRL 100 Level Elective
- Scientific World
- Foreign Language Intermediate Level 3
- Elective
- Elective

Spring

- AFPRL 200 level History Elective
- SOC 20100 The Family
- Creative Expression
- Foreign Language Intermediate Level 4
Elective

Junior Year
Fall
• AFPRL 200 Level History Elective
• AFPRL 300 Level Elective
• (W) Pluralism and Diversity A or D
• Elective
• Elective

Spring
• AFPRL 28100 Fieldwork in African American/Latino Communities
• AFPRL 300 or 400 Level Elective
• Pluralism and Diversity A or D
• Elective
• Elective

Senior Year
Fall
• AFPRL 300 or 400 Level Elective
• AFPRL Elective
• Elective
• Elective
• Elective

Spring
• AFPRL 49900 or Elective
• Elective
• Elective
• Elective
• Elective

Notes:
• AFPRL majors choose 18 AFPRL electives (6 courses) of which at least 12 credits (4 courses) must be at the 300 or 400 level.
• Students should work with departmental advisor to select courses in order to develop a concentration in Africana studies, Puerto Rican/Latino or a combined sequence.
• At least 3 credits must be taken in Puerto Rican/Latino if the concentration is Africana studies and vice versa.

Minor in Africana & Puerto Rican/Latino Studies
The Minor concentration consists of 12 credits chosen from Africana and Puerto Rican/Latino sequence courses as follows: 2 at the 100/200 and 2 at the 300/400 levels.

**AFPRL 10000 - Introduction to Black Politics**
- Pluralism and Diversity
- PD/A or B
- GER 2/B
- General survey of politics of African world with major emphasis on politics in Black America.
- 3 hrs
- 3 cr.

**AFPRL 10100 - Introduction to Africana Studies**
- Pluralism and Diversity
- PD/B
- GER 2/B
- Introduction to the history and culture of Africa and the African diaspora.
- 3 hrs
- 3 cr.

**AFPRL 10200 - Latino Communities in the United States**
- Pluralism and Diversity
- PD/B
- GER 2/B
- Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
- 3 hrs
- 3 cr.

**AFPRL 10300 - Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective**
- Hunter Core
- Individual and Society (Social Sciences)
- Pluralism and Diversity
- PD/B
- GER 2/B
Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.

3 hrs
3 cr.

AFPRL 10400 - Introduction to Puerto Rican and Latino Studies

Hunter Core
Individual and Society (Social Sciences) I&SS
Pluralism and Diversity

An examination of the Puerto Rican and Latino experience in the United States as part of the larger ethnic minorities' struggle for political, cultural, and social recognition and equality. The course provides students with an introduction to and a basic understanding of the Puerto Rican and Latino experience in the US.

3 hrs
3 cr.

AFPRL 14100 - Puerto Rican Folklore

Pluralism and Diversity
PD/A or B
GER 2/C

Study of Puerto Rican folklore: traditional beliefs, legends, religious rites and typical music.

3 hrs
3 cr.

AFPRL 14300 - The Image of the Puerto Rican National Identity in Its Literature

Pluralism and Diversity
PD/A

Analysis of literary works of Puerto Rican authors and their images of Puerto Rican society.

prereq:
ENGL 12000 and reading knowledge of Spanish

3 hrs
3 cr.

offered fall only

AFPRL 20100 - African History from Human Origins to 1600 CE

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER 2/B

African history from ancient times with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.

3 hrs
3 cr.

AFPRL 20200 - African History Since 1600 CE

Pluralism and Diversity
PD/A

African history since 1600 CE with emphasis on endogenous African development of civilizations and complex economic, technological and cultural systems over time.

3 hrs
3 cr.

offered fall only
Main currents of African history from 1600 CE to present
3 hrs
3 cr.

Survey of historical experiences of African people in U.S. from 16th century to end of Civil War.
3 hrs
3 cr.

Survey of historical experiences of African people in U.S. from Reconstruction to the present.
3 hrs
3 cr.

The Civil Rights Movement and social change in U.S. Since 1954.
3 hrs
3 cr.

Introductory study of political and social change in Africa during the second half of the 20th century.
AFPRL 20700 - African Caribbean Politics I
Pluralism and Diversity
Examines political economy of slavery and colonialism and responses of Caribbean people from 1492 to political independence.

AFPRL 20800 - African Caribbean Politics II
Pluralism and Diversity
Begins with attainment of political independence by major Caribbean countries; focuses on nation building.
prereq: AFPRL 20700

AFPRL 20900 - Introduction to Caribbean History to 1900
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/B
Introduction to the major themes in Caribbean history to 1900.
prereq: ENGL 12000

AFPRL 21000 - Introduction to Caribbean History: 1900 - Present
Hunter Core
World Culture and Global Issues
Pluralism and Diversity
GER 2/B
Introduction to the major themes in Caribbean history after 1900.
prereq: ENGL 12000

AFPRL 21100 - Black Economic History
Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.

prereq: ENGL 12000

3 hrs

3 cr.

AFPRL 23800 - Introduction to the Literature of the African Diaspora (W)

Hunter Core English Composition (EC)

Pluralism and Diversity PD/A or B GER 2/A

Introduction to a cross-section of texts that contribute to the creation and development of an African Diaspora literary tradition.

prereq: ENGL 12000

3 hrs

3 cr.

AFPRL 24100 - Puerto Rican History to 1897

Pluralism and Diversity PD/A GER 2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.

3 hrs

3 cr.

AFPRL 24200 - Puerto Rican History Since 1898

Pluralism and Diversity PD/A

Sociohistorical, political and economic analysis of Puerto Rico dating from the U.S. invasion to the present.

3 hrs

3 cr.

AFPRL 24300 - Puerto Rican Culture
Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/A or B

GER

2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.

3 hrs

3 cr.

AFPRL 24400 - Puerto Ricans in the United States

Pluralism and Diversity

PD/B

GER

2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.

3 hrs

3 cr.

AFPRL 24500 - Puerto Rican Literature I

Pluralism and Diversity

PD/A

Analysis of the emergence and development of the various literary genres which surfaced during the 19th century in the literature of Puerto Rico. Discussion and analysis of major 19th century Puerto Rican authors (Hostos, Tapia and Zeno Gandia).

prereq:

SPAN 20200 or equiv. or perm instr.

3 hrs

3 cr.

AFPRL 24600 - Puerto Rican Literature II

Pluralism and Diversity

PD/A

Discussion and analysis of the literary and cultural evolution of Puerto Rico viewed through the works of key 20th century authors. Literary production from the 1960s onwards is emphasized.

prereq:

SPAN 20200 or equiv. or perm instr.

3 hrs

3 cr.

AFPRL 24700 - Puerto Ricans in the U.S. as a Literary Theme

Analysis of literary texts dealing with Puerto Rican communities in U.S. and their migration experiences.

prereq:

ENGL 12000 and reading knowledge of Spanish

3 hrs

3 cr.

AFPRL 25500 - Puerto Rican/Latino Children in North American Schools

Pluralism and Diversity

PD/B
Survey of educational system viewed as an acculturating institution.

3 hrs
3 cr.

AFPRL 26000 - Latinos and US Citizenship

Pluralism and Diversity

Study of the relationship of US Latinos to the institution of American citizenship through history and examination of major issues today.

3 hrs
3 cr.

AFPRL 27000 - Economic History of Puerto Ricans

Stages of change in economic structures and labor conditions among Puerto Ricans in Puerto Rico and the U.S.

prereq: AFPRL 24200 or 24400

3 hrs
3 cr.

AFPRL 28100 - Fieldwork in African American/Latino Communities

Fieldwork involvement and sociopolitical analysis of a community organization in the Black and/or Puerto Rican/Latino communities.

Course open to Majors and Minors Only

3 hrs
3 cr. each

AFPRL 29000 - Selected Topics in Africana and Puerto Rican/Latino Studies

Pluralism and Diversity

PD/A or B

Topics change according to instructor.

3 hrs
3 cr.

AFPRL 30400 - Leaders and Movements of Black Urban Communities (W)

Pluralism and Diversity

PD/B

GER

3/B

Personalities and movements that have influenced Black communities of U.S.; focuses mainly on 20th century.

prereq: AFPRL 20300 or 20400 or 20500

3 hrs
3 cr.

AFPRL 30600 - Modern African International Relations (W)
Factors affecting relations among African states and between African and non-African states within international system.

prereq: AFPRL 20600 or perm instr.

3 hrs 3 cr.

AFPRL 30700 - Contemporary African Politics (W)

Study of post-independence nationalism, political systems, regional and international cooperation of African nations.

prereq: AFPRL 20600 or perm instr.

3 hrs 3 cr.

AFPRL 30800 - Contemporary International Relations of the African-Caribbean (W)

Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.

prereq: AFPRL 20700 or 21000 or perm instr.

3 hrs 3 cr.

AFPRL 30900 - African Americans and Africa (W)

Major evidence of Black American involvement and interest in Africa from 1775 to present.

prereq: AFPRL 20300 or 20400

3 hrs 3 cr.

AFPRL 31000 - Modern Nigeria (W)

Detailed study of the historical development of modern Nigeria from the late 19th century to the present.

prereq: perm instr.

3 hrs 3 cr.
Historical overview of slavery from Africa to the Americas. 

 prerequisites: AFPRL 20300 or 20900 or perm instr.

3 hours
3 credits

Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence and revolution.

cross-listed: WGSC 31800 (Writing-intensive Course)

 prerequisites: AFPRL 20200 or 22200 or perm instr.

3 hours
3 credits

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.

 cross-listed: WGSC 32900 (W)

 prerequisites: AFPRL 20400 or 20900 or 21000 or perm instr.

An historical examination of the lives of Caribbean immigrants in New York City from the causes for emigration to the development of an ethnic community in the City.

Prereq: ENGL 12000; AFPRL 20700, 20800, 20900, 21000, 30700 or 30800

3 hrs
3 cr.

AFPRL 33600 - African American Women Writers (W)

African American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction and children's books.

Cross-listed WGS 33600 (W)

Prereq: AFPRL 23600 or perm instr.

3 hrs
3 cr.

AFPRL 33700 - Caribbean Women Writers (W)

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.

Cross-listed WGSA 33700 (W)

Prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000

3 hrs
3 cr.

AFPRL 34200 - Political Nationalism in Puerto Rico (W)

Nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy.

Prereq: AFPRL 24200 or perm instr.

3 hrs
3 cr.

AFPRL 35100 - Major Puerto Rican Figures (W)
Theorists, poets and statesmen in formation of Puerto Rican nationality.

**Prerequisites:**
- AFPRL 14300 or 24200 or 24300
- 3 hrs, 3 cr.

**AFPRL 35200 - Power Structure in Puerto Rico (W)**
- GER 3/B
- Social analysis of class divisions, role of the economy and the United States presence in Puerto Rico.
- Prerequisites:
  - AFPRL 24300 or 27000
  - 3 hrs, 3 cr.

**AFPRL 35500 - The African Image in 19th and 20th century Spanish Antillean Poetry (W)**
- Pluralism and Diversity PD/A
- GER 3/A
- The portrayal of the African image in Spanish Antillean poetry seen through the work and poetic trends of its major exponents.
- Prerequisites:
  - AFPRL 14300 or SPAN 20800, reading knowledge of Spanish
  - 3 hrs, 3 cr.

**AFPRL 35600 - Latino Literature in English (W)**
- Pluralism and Diversity PD/B
- GER 3/A
- Latino writing in English in the U.S.; analysis of cultural, linguistic and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican) and Oscar Hijuelos (Cuban-American).
- 3 hrs, 3 cr.

**AFPRL 36000 - Politics in Puerto Rico (W)**
- GER 3/B
- Analysis of the political status issue, development of political parties, national leadership and participation.
- Prerequisites:
  - AFPRL 24200 or 34200 or perm instr.
  - 3 hrs, 3 cr.

**AFPRL 36200 - Puerto Rican and Caribbean Religious Practices (W)**
Pluralism and Diversity

PD/A or B

GER

3/A

Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African and Spanish cultures. Religious syncretisms, popular imagery and ritual practices.

prereq: AFPRL 14100 or 24300

3 hrs

3 cr.

AFPRL 38400 - Poverty in Society (W)

GER

3/B

Causes and effects of deprivation, with emphasis on policy and program approaches for African Americans and Puerto Ricans/Latinos.

prereq: successful completion of any 2 AFPRL courses

3 hrs

3 cr.

AFPRL 38700 - Puerto Rican/Latino Politics in the United States (W)

Pluralism and Diversity

PD/B

GER

3/B

An analysis of the political participation and leadership of Puerto Ricans and other Latinos in the United States.

prereq: either AFPRL 10200, 24200 or 24400 or perm. Instr.

3 hrs

3 cr.

AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)

GER

3/A or B

Topics change according to instructor.

Open to Jr/Sr only.

3 hrs

3 cr.

AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science

Pluralism and Diversity

PD/B

GER

3/A or B

Topics change according to instructor.

Pluralism and diversity requirements are dependent on the topic course.

prereq: perm dept.
AFPRL 42863 - Afro-Latino Culture and History

Pluralism and Diversity

PD/A GER

3/A

3 hrs

3 cr.

AFPRL 44500 - Caribbean Short Story in Spanish: Readings and Theories

A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.

prereq or coreq: SPAN 20800

3 hrs

3 cr.

AFPRL 49900 - Honors

Individual research and 30 page honors essay based on assigned theme under supervision of a full-time AFPRL faculty member.

prereq: completion of 24 AFPRL credits including three 300/400 level courses; only open to AFPRL upper seniors with 3.5 major GPA and 3.0 cumulative GPA.

3 hrs

3 cr.

AFPRL 18100 - Language and Ethnic Identity

Individual and Society (Social Sciences) - I&S SS

AFPRL 18200 - Culture and Ethnic Identity

World Culture and Global Issues (WCGI)

AFPRL 24800 - Caribbean Spanish

AFPRL 27600 - The Puerto Rican Family

AFPRL 31400 - Blacks in Labor and Politics (W)

GER

3/B

Black labor from emancipation to present. Emphasis on period between New Deal and present.
 AFPRL 20400 or 20500 or perm instr.

3 hrs

3 cr.

AFPRL 32200 - African World View: Philosophy and Symbolic Thought (W)

Pluralism and Diversity

GER

3/A

Examination of African religious systems, metaphysical conceptions and philosophy.

prereq: AFPRL 22200 or perm instr.

3 hrs

3 cr.

offered every other sem.

AFPRL 32300 - Islam and Christianity in Africa (W)

GER

3/A

Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.

prereq: AFPRL 201 or 202 or 222 or perm instr.

3 hrs

3 cr.

AFPRL 32400 - African-American Ethnohistory (W)

Ethnohistorical survey of development of Black culture in the diaspora; reinterpretation of African forms in Western European environment.

prereq: AFPRL 22000 or perm instr.

3 hrs

3 cr.

AFPRL 33000 - Autobiography as a Theme in Black Literature (W)

GER

3/A

Treatment of autobiographical works of Black authors in U.S., Caribbean and Africa during 19th and 20th centuries.

prereq: AFPRL 23600 or perm instr.

3 hrs

3 cr.

AFPRL 37000 - Sociolinguistic Fieldwork in Black and Puerto Rican/Latino Speech Communities (W)

GER

3/B

Sociolinguistic theory applied to linguistic varieties spoken in African American, African Caribbean, Puerto Rican and other Latino communities.

prereq: AFPRL 18100 or ANTHC 15100
Seminar traces development of Pan-Africanism through the 20th century. Not open to freshmen. prereq: AFPRL 20200 or 20400 or 20600

Comparative theorists; methods and ideological currents. prereq: AFPRL 20300 or 20400 or 20500

Analysis of developmental strategies used by Caribbean nations after independence. prereq: AFPRL 20700 or 20800 or 20900 or 21000 or perm instr.

In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America. prereq: AFPRL 20300 or 20400 or 20500 or perm instr.

Historical development of Puerto Rican working class, its movements and organizations from 19th century to present. prereq: AFPRL 24200 or 27000
Swahili I (SWA 10100) - Introduction to Swahili, pronunciation and elements of grammar. Each credit for SWA 10100 is not given until SWA 10200 is completed.

Swahili II (SWA 10200) - Introduction to Swahili, pronunciation and elements of grammar. Each credit for SWA 10100 is not given until SWA 10200 is completed.

Swahili III (SWA 20100) - Grammar review, composition, oral practice. Prerequisite: SWA 10200 or demonstrated competence in speaking and writing.

Swahili IV (SWA 20200) - Review of morphology and syntax, original composition, intensive oral practice. Prerequisite: SWA 20100 or demonstrated competence as a native speaker.

Yoruba I (YOR 10100) - Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria. Each credit for YOR 10100 is not given until YOR 10200 is completed.

Yoruba II (YOR 10200) - Elementary Yoruba. Introduction to language and culture of Yoruba People of Nigeria. Each credit for YOR 10100 is not given until YOR 10200 is completed.

Yoruba III (YOR 20100) - Writing and reading of Yoruba language, including study of grammar and syntax. Prerequisite: YOR 10200 or demonstrated competence in speaking and writing.
Intensive writing and reading of Yoruba language and continuation of study of grammar and syntax. 

prereq: YOR 20100 or demonstrated competence as a native speaker

Programs and Courses in Anthropology

Anthropology

Overview

Anthropology is the study of humanity in all its cultural and biological diversity. In the United States, the discipline traditionally includes four fields: archaeological, biological, sociocultural, and linguistic anthropology, although research increasingly examines questions at the borders of the fields or which span more than one field. The Department of Anthropology offers B.A. and M.A. degree programs, both of which provide a solid grounding throughout the world and across time, and how power and inequality shape the varieties of human experience. The Anthropology curriculum encompasses many that involve new information technologies, cultural resource management, environmental impact assessment, ethnicity and gender, regional and area studies, and economic development. Biological anthropology and archeology host state-of-the-art research labs that support student training and research. International field sites are also available for student research. The Department is also committed to involving undergraduate students in ongoing faculty-supported research, and in encouraging independent student-initiated research projects.

What can I do with my degree in Anthropology?

Known for its holistic approach, anthropology provides essential training for any career that deals with the human condition or cultural diversity. Graduates pursue careers in fields as diverse as education, public health, public policy, cultural heritage management, journalism, social work, marketing research and many others. Anthropology also provides an important foundation for further study in the social and natural sciences and the humanities...
The anthropology major is designed to give students an overview of the discipline, as well as training in all four fields of the subject (archaeology, cultural anthropology, biological anthropology and anthropological linguistics.) The anthropology major consists of 28 credits [see table below]. In order to graduate with a major in anthropology, students must earn a C grade or better in all required courses and electives counted toward the major.

Hunter Core Requirement

Note: Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.
**Courses Required for the Major (28 credits)**

- **ANTHC 10100** - *Introduction to Cultural Anthropology*
  - Hunter Core Individual and Society (Social Sciences) I&S SS
  - GER 2/B
  - Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.
  - 3 hrs (3 cr.) offered every sem.
  - STEM

- **ANTHP 10100** - *Human Evolution*
  - Hunter Core Life and Physical Sciences (LPS) Scientific World (SW)
  - GER 2/E
  - The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
  - 6 hrs (3 hrs lec, 3 hrs lab) 4 cr. offered every sem.

- **ANTHC 15100** - *Introduction to Linguistics*
  - Hunter Core World Cultures and Global Issues (WCGI)
  - GER 2/B
  - Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
  - 3 hrs 3 cr.

- **ANTHC 12600** - *Introduction to Prehistoric Archaeology*
  - Hunter Core World Culture and Global Issues (WCGI)
  - GER 2/B
  - Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
  - 3 hrs 3 cr. offered every sem.
Introduction to basic principles of research design employed in anthropology. 

**Prerequisites:** ANTHC 10100. 

3 hrs, 3 cr.

**ANTHC 31800** - History of Anthropological Theory

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy. 

**Prerequisites:** ANTHC 10100 or permission of instructor. 

3 hrs, 3 cr.

**Elective courses (9 cr.)** 

Selected from the following fields: Cultural Anthropology, Biological Anthropology, Linguistics, Archaeology, Research Design, Anthropological Theory.

**Honors Work**

Honors work is possible in each of the major branches of anthropology. The emphasis is on independent student research under the supervision of a faculty member. In order to graduate with departmental honors in anthropology, a student must: (1) have taken at least 2 credits of ANTHC 40000; (2) have a GPA in the major of not less than 3.5 and a cumulative GPA of not less than 2.8 at the time of graduation; and (3) complete a departmental honors form available from the departmental undergraduate adviser.

**ANTHC 40000** - Honors Project

Open to qualified juniors and seniors every semester. Research under supervision of a faculty member. From 2 to 3 credits per semester, depending on the nature of the student's work. May be taken for 1, 2, or 3 semesters for a maximum of 6 credits. To apply, students must (1) present a research plan prepared in conjunction with a faculty member; (2) have this plan approved by the undergraduate adviser and the department chair; and (3) obtain approval prior to preregistration.

**Interdepartmental Fields**

Students who want to do work in anthropology as part of an interdepartmental field, such as Africana and Puerto Rican/Latino studies, Latin American and Caribbean studies, religion, urban affairs and planning, or women and gender studies, should refer to descriptions under the department or field of their interest.
The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Anthropology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

### Freshman Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 12000</td>
<td>Expository Writing</td>
<td></td>
</tr>
<tr>
<td>Hunter Core</td>
<td>English Comp (EC)</td>
<td></td>
</tr>
<tr>
<td>GER 1/A</td>
<td>Required of all students unless exempt</td>
<td></td>
</tr>
<tr>
<td>This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>prereq: successful completion of developmental courses, if required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 hrs + conf</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 cr.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 22000</td>
<td>Introduction to Writing about Literature (W)</td>
<td></td>
</tr>
<tr>
<td>Hunter Core</td>
<td>English Comp (EC)</td>
<td></td>
</tr>
<tr>
<td>GER 2/A</td>
<td>Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.</td>
<td></td>
</tr>
<tr>
<td>prereq: ENGL 12000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 hrs + one additional conference hour</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 cr.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANTHC 12600 - Introduction to Prehistoric Archaeology
Hunter Core
World Culture and Global Issues (WCGI) GER 2/B
Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs 3 cr. offered every sem.

ANTHP 10100 (STEM) - Human Evolution
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW) GER 2/E
The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab) 4 cr. offered every sem.

For foreign language elementary level 2.

Sophomore Year
Fall
• US Experience in Its Diversity
• Foreign Language Intermediate Level 3
• Scientific World
• Elective
• Elective
Spring
ANTHC 15100 - Introduction to Linguistics
Hunter Core
World Cultures and Global Issues (WCGI) GER 2/B
Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs 3 cr.

• Individual and Society/ Humanities
• Foreign Language Intermediate Level 4
Junior Year
Fall
ANTHC 31400 - Research Design in Anthropology

Pluralism and Diversity
GER 3/B
Introduction to basic principles of research design employed in anthropology.
prereq: ANTHC 10100
3 hrs
3 cr.

• ANTHC or ANTHP Elective
• Elective
• Elective

Spring
ANTHC 31800 - History of Anthropological Theory

Pluralism and Diversity
PD/D
GER
Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.
prereq: ANTHC 10100 or perm instr.
3 hrs
3 cr.

• ANTHC or ANTHP Elective
• Elective
• Elective
• Elective

Senior Year
Fall
• ANTHC or ANTHP Elective
• Elective
• Elective
• Elective
Please note ANTHP 101, ANTHC 151 and ANTCH 126 are required for the major and will also satisfy the CUNY Common Core (CCC), however, no more than two courses from any one department will count for the CCC so an additional course will be needed.

Minor in Anthropological Archaeology

The Anthropological Archaeology Minor introduces students to the study of past human societies and cultural diversity from an anthropological perspective.

The minor consists of a minimum of 12 credits from the courses listed below, or other courses with the approval of the departmental undergraduate advisor.

Only one non-AN-C course from the following list may count towards the minor. In order to graduate with an Anthropological Archaeology Minor, students must earn a C grade or better in all the courses counted towards the minor.

Courses for the Minor

ANTHC 12600 - Introduction to Prehistoric Archaeology

ANTHC 12700 - Methods In Archaeological Science

ANTHC 22600 - Archaeology of Africa

In order to graduate with an Anthropological Archaeology Minor, students must earn a C grade or better in all the courses counted towards the minor.
ANTHC 23200 - Archaeology of South America and the Caribbean
GER 3/B
Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs 3 cr.

ANTHC 32000 - Problems in Anthropology
GER 3/B
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.
prereq: perm instr.
3 hrs 3 cr.
offered every sem.

ANTHC 32600 - Rise of Old and New World Civilizations
GER 3/B
Theoretical and empirical examination of development of urbanism and state, in the Old and New Worlds.
prereq: ANTHC 12600 or perm instr.
3 hrs 3 cr.

ANTHC 32700 - Prehistoric Cultural Ecology
GER 3/B
Survey of selected problems in human evolution and adaptation from an ecological perspective.
prereq: ANTHC 12600 or perm instr.
3 hrs 3 cr.

ANTHC 34600 - Analytic Methods in Archaeology
GER 3/B
Theory and methods of analysis of materials recovered from archaeological excavations and surveys.
prereq: ANTHC 12600 or perm instr.
ANTHC 42600 - Seminar in Archaeological Field Methods

Pluralism and Diversity

Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

- ANTHC 42659 Archaeology of North America meets PD/B
- ANTHC 42660 Archaeology of Colonialism meets PD/D

prereq:

ANTHC 12600 or perm instr.

3 hrs

3 cr.

Non ANTHC Courses:

ANTHP 10100 (STEM) - Human Evolution

Hunter Core

Life and Physical Sciences (LPS) Scientific World (SW)

GER 2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.

6 hrs (3 hrs lec, 3 hrs lab)

4 cr.

offered every sem.

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core

World Culture and Global Issues (WCGI)

GER 2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

prereq:

ENGL 12000

3 hrs

3 cr.

GEOG 10100 - People and Their Environment

Hunter Core

Individual and Society - Social Science

GER 2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences.

Courses the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the
Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

Minor in Anthropology

The Anthropology Minor provides students an overview of the discipline through survey courses in each of the four primary subfields of anthropology. It is designed to help students appreciate the significance of, and relations between, language, biology, and culture, for human beings past and present.

The minor consists of four courses for a total of 13 credits. In order to graduate with an Anthropology Minor, students must earn a C grade or better in all the courses counted towards the minor.

The minor includes the following three required courses:

- ANTHC 10100 - Introduction to Cultural Anthropology
- ANTHC 12600 - Introduction to Prehistoric Archaeology
- ANTHC 24700 - Biological Anthropology

Each course is worth 3 credits and is offered every semester.
ANTHC 15100 - Introduction to Linguistics
Hunter Core
World Cultures and Global Issues (WCGI)
GER 2/B
Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr.

Plus one additional course selected from the following two options:

ANTHP 10100 (STEM) - Human Evolution
Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER 2/E
The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10200 (STEM) - Human Variation
Hunter Core
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
GER 2/E
Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.
6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

Minor in Cultural Anthropology
The Cultural Anthropology Minor introduces students to the study of contemporary human cultures through a focus on cross-cultural similarities and differences in such areas as kinship, politics, economics, religion, sexuality, gender, and artistic production. The minor consists of a minimum of 12 credits from the courses listed below, as well as others that may be approved by the departmental undergraduate advisor. In order to graduate with a
Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

3 hrs
3 cr.
offered every sem.

ANTHC 20100 - The Middle East: Societies and Cultures

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.

3 hrs
3 cr.

ANTHC 21400 - The Caribbean: Societies and Cultures

Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.

3 hrs
3 cr.

ANTHC 21500 - The Anthropology of Black America (W)

Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.

prereq: ENGL 12000

3 hrs
3 cr.

ANTHC 27500 - Reading Ethnographies (W)

Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.
ANTHC 10100 or perm instr.

ENGL 12000

3 hrs 3 cr.

ANTHC 30100 - Gender in Anthropological Perspective

Pluralism and Diversity

PD/C GER

3/B

Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.

cross-listed WGSC 30100

ANTHC 10100 or perm instr.

3 hrs 3 cr.

ANTHC 30700 - Anthropology of Religion

Pluralism and Diversity

PD/A GER

3/B

Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.

3 hrs 3 cr.

ANTHC 30900 - Countryside and City: Comparative Perspectives

Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.

ANTHC 10100 or perm instr.

3 hrs 3 cr.

ANTHC 31000 - Politics and Power in Anthropological Perspective

Pluralism and Diversity

PD/A GER

3/B

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.

ANTHC 10100 or perm instr.

3 hrs 3 cr.

ANTHC 31100 - Anthropology of Art
Pluralism and Diversity

GER 3/B

Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.

3 hrs
3 cr.

ANTHC 31200 - Anthropological Approaches to Sexuality

Pluralism and Diversity

PD/C

GER

3/B

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.

prereq: ANTHC 10100

3 hrs
3 cr.

ANTHC 31500 - Applied Anthropology

GER

3/B

Practical applications of theory and methods to contemporary social problems; community development; intercultural relations.

prereq: ANTHC 10100 or perm instr.

3 hrs
3 cr.

ANTHC 31800 - History of Anthropological Theory

GER

3/B

Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.

prereq: ANTHC 10100 or perm instr.

3 hrs
3 cr.

ANTHC 32000 - Problems in Anthropology

GER

3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.

prereq: perm instr.

3 hrs
3 cr.

offered every sem.
Pluralism and Diversity

Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.

Prereq or coreq: ANTHC 10100

3 hrs

3 cr.

ANTHC 32500 - Special Projects and Independent Research in Anthropology

Prereq: perm instr.

3 hrs

3 cr.

ANTHC 40100 - Seminars in Selected Topics

Topics TBA.

ANTHC 40000 - Honors Projects

Prereq: perm chair

Offered every sem.

ANTHC 35100 - Language in Culture and Society

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.

3 hrs

3 cr.

ANTHC 15100 - Introduction to Linguistics

Minor in Linguistic Anthropology

The Linguistic Anthropology Minor introduces students to the comparative and interdisciplinary study of language as a cultural resource and speaking as a cultural practice. In its study of the ways in which language and culture are interrelated, linguistic anthropology often draws from linguistics, sociology, psychology, philosophy, communication studies, as well as education, semiotics, and ethnic and literary studies.

The Minor consists of a minimum of 12 credits from any of the following courses, or other courses with approval of the departmental undergraduate advisor. In order to graduate with a Linguistic Anthropology Minor, students must earn a C grade or better in all the courses counted toward the minor. Choose from courses below:

- ANTHC 15100 - Introduction to Linguistics
Hunter Core

World Cultures and Global Issues (WCGI)

GER

2/B

Structure and analysis of human languages; language history; language in society, culture and mind; language universals.

3 hrs

3 cr.

ANTHC 32000

Problems in Anthropology

GER

3/B

Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.

prereq: perm instr.

3 hrs

3 cr.

offered every sem.

ANTHC 35100

Language in Culture and Society

GER

3/B

Sociolinguistics; ethnography of communication; languages and dialects; face-to-face interaction; bilingualism in social and political life; language, ideology and identity.

3 hrs

3 cr.

ANTHC 35400

Grammatical Analysis and Theory

GER

3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.

prereq: ANTHC 15100 or equiv.

3 hrs

3 cr.

ANTHC 40100

Seminars in Selected Topics

Topics TBA.

Minor in Middle East Studies

The Minor in Middle East Studies seeks to develop students' understanding of the complex and interconnected political, economic, cultural, environmental, linguistic, historical, and religious issues in the region by fostering critical, interdisciplinary and global approaches to the study of the Middle East and its diasporas. To this end, the Minor in Middle East Studies (MMES) requires completion of a minimum of 12 credits (4 courses). In addition,
Students who have completed at least 3 credits of relevant coursework in Middle East Studies (including regional languages) with an average GPA of 3.0 may apply for admission to the Minor. To declare the Minor, students will complete the Minor Declaration form and meet with the Director. For advising purposes students are encouraged to apply early in their academic careers. Any Middle East Studies related courses taken prior to declaring the Minor shall count toward the 12 credit minimum for the Minor in Middle East Studies. Credits earned toward the Minor in Middle East Studies shall not also count toward the fulfillment of Major or other Minor requirements.

Introductory survey course: 3 cr
All students will take one survey course in Middle East Studies chosen from among the following, or another general survey course subject to approval by the Director:

- **ANTHC 20100** - The Middle East: Societies and Cultures
  - Pluralism and Diversity
  - PD/A
  - Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.
  - 3 hrs
  - 3 cr.

- **HIST 27650** - Middle Eastern History from the Beginning of Islam to 1800 (W)
  - Pluralism and Diversity
  - PD/A
  - Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
  - Courses at the 300- level and above not offered to freshmen.
  - 3 hrs
  - 3 cr.

- **HIST 27651** - The Modern Middle East from 1800 to the Present (W)
  - Pluralism and Diversity
  - PD/A
  - The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
  - Courses at the 300- level and above not offered to freshmen.
  - 3 hrs
  - 3 cr.

- **MUSHL 24300** - Music of the Middle East
  - Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.
  - prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor
  - 3 hrs
  - 3 cr

- **POLSC 26300** - Government and Politics in the Middle East (W)
  - Pluralism and Diversity
  - PD/A
  - GER
  - 3/B
Introduction to Islamic societies and their politics with particular attention to cultures of region.

prereq: ENGL 12000 or its equivalent

3 hrs 3 cr.

Additional courses may be developed to fulfill this requirement

Electives: 9 cr

In addition, students will take a minimum of 9 credits in electives, and must choose at least one class focusing on the Middle East from each of the following three areas of concentration:

I) Historical Formations
II) Society and Politics
III) Arts, Literatures, and Cultures

Students may petition for other courses to fulfill the elective requirement. See list below for currently offered courses that meet these requirements:

- List of Selected Approved Courses for the Minor in Middle East Studies

Students may fulfill 3 of the 9 credit hour elective requirement with advanced language and literature classes (3rd year and beyond), for Area of Concentration III) Arts, Literatures and Cultures. With the approval of the Director, students may take an independent study and one course from outside Hunter College to satisfy the requirements for the Minor.

Minor in Physical Anthropology

The Physical Anthropology Minor introduces students to the study of human evolution, including human variation, paleontology, genetics, and primatology.

The Minor consists of a minimum of 12 credits. These must include ANTHP 101 Human Evolution (4 cr).

The remaining credits can be filled by any AN courses. Also, one (and only one) non-ANTHP course from the following list may count towards the minor. In order to graduate with a

College to satisfy the requirements for the Minor.
Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.

6 hrs (3 hrs lec, 3 hrs lab)

4 cr.

offered every sem.

ANTHP 30100 - Human Fossil Record

Pluralism and Diversity

PD/C

GER

3/B

The hominid fossil record of Africa, Asia and Europe. Human evolution as evidenced in fossil record.

prereq: ANTHP 10100, 10200, or equiv.

3 hrs

3 cr.

ANTHP 30200 - Human Genetics

Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.

prereq: ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500

3 hrs

3 cr.

ANTHP 31000 - Primate Ecology and Behavior

GER

3/B

Examination of ecological factors responsible for the distribution and behavior of living primate species.

prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200

3 hrs

3 cr.

ANTHP 31100 - Primate Evolution

GER

3/B

65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology.

prereq: ANTHP 10100 or perm instr.

3 hrs

3 cr.

ANTHP 31200 - Primate Evolutionary Genetics

Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature.
ANTHP 31600 - Human Evolutionary Adaptations

How does the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework.

ANTHP 40100 - Seminars in Selected Topics

Course provides in-depth study of specific topics in field of physical anthropology.

Non ANTHP Courses:

ANTHC 12600 - Introduction to Prehistoric Archaeology

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

BIOL 10000 (STEM) - Principles of Biology I

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.
Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program.

Not accepted for credit toward the biology major.

prereq: CHEM 10000, 10100

coreq: CHEM 12000, 12100

7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)

7 hrs (3 lec, 3 lab)

Offered fall and spring.

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

Evolution and Behavior

Aggression, sleep, learning, communication, emotion, motivation and social behavior in human and other species; underlying mechanisms, development, evolutionary history.

prereq: PSYC 10000

3 hrs

List of Selected Approved Courses for the Minor in Middle East Studies (subject to Modification)

Area I: Historical Formations

Anthropology

ANTHC 22800 - Archaeology of the Near East to 2000 BC
Sociocultural development of Near East from early hunter-gatherers to first states and empires.

prereq: ANTHC 12600 or perm instr.

3 hrs 3 cr.

Classics
CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)

GER
2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

prereq: ENGL 12000

3 hrs 3 cr.

CLARC 32500 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity
PD/A

GER
3/A

The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000–500 BCE.

prereq: ENGL 12000, CLARC 20400

3 hrs 3 cr.

CLARC 32200 - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A

GER
3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

prereq: ENGL 12000, CLARC 20400

3 hrs 3 cr.

CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity
PD/A
Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

Hebrew
HEBR 29000 - Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues
Pluralism and Diversity

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.
3 hrs
3 cr

History
HIST 21000 - History of Judaism

GER
2/B
Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)

Pluralism and Diversity
PD/A

Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27651 - The Modern Middle East from 1800 to the Present (W)

Pluralism and Diversity
PD/A

The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria, Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces.
Courses at the 300-level and above not offered to freshmen.
This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the 12th century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.

prereq: ENGL 12000

Area II: Society and Politics

Anthropology

ANTHC 20100 - The Middle East: Societies and Cultures

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.

3 hrs 3 cr.

ANTHC 401.78 Ethnology of the Middle East

ANTH C 400 Ethnographies of the Middle East

Hebrew

HEBR 25900 - Old Testament Religion

Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

3 hrs 3 cr.

Political Science
POLSC 26300 - Government and Politics in the Middle East (W)

PD/A
GER
3/B

Introduction to Islamic societies and their politics with particular attention to cultures of region.

prereq: ENGL 12000 or its equivalent

3 hrs
3 cr.

POLSC 26400 - Government and Politics of Israel (W)

GER
3/B

Historic evolution of the Jewish state and its political system, social issues and foreign policy.

prereq: ENGL 12000 or its equivalent

3 hrs
3 cr.

REL 25200 - Ancient Near Eastern Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C

Study of Egyptian religion, religions of Sumer and Babylonia, religion of the early Hebrews (including the Old Testament).

prereq: ENGL 12000

3 hrs
3 cr.

REL 25300 - Abrahamic Religions (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Study of Judaism, Christianity, and Islam— with some considerations of Zoroastrian parallels.

prereq: ENGL 12000

3 hrs
3 cr.
REL 32200 - Islam (W)
Pluralism and Diversity
PD/A
GER
3/A
Study of Islam, its development, history, literature, philosophy and religious practices.
prereq: ENGL 12000
3 hrs
3 cr.

REL 32400 - Islam and Buddhism (W)
Pluralism and Diversity
PD/A
GER
3/A
Study of Islam and Buddhism, their founders, development, beliefs, rituals and interaction.
prereq: ENGL 12000
3 hrs
3 cr.

REL 33700 - Sufism (W)
Pluralism and Diversity
PD/A
GER
3/A
A course on the esoteric or mystical dimension of Islam, known among Muslims as ta/awwuf, attending to the history, doctrine and metaphysics of the Sufi path.
prereq: ENGL 12000
3 hrs
3 cr.

SOC 36200 - Sociology of Islam (W)
GER
3/B
Introduction to Islam as religion and culture with emphasis on how misconceptions have permeated our understanding of Islam. Analysis from a historical perspective which serves as a framework for comprehending Islam's dogma, rituals, and legal system.
prereq: SOC 10100
3 hrs
3 cr.

Area III: Arts, Literatures and Cultures
This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the online class schedule.

**Prerequisites:**
- ENGL 12000 or equivalent

**Credits:** 3 hrs. 3 cr.

**ARB 25000**

### The Arab Novel (in translation) (W)

**Hunter Core**
- Creative Expression (CE)
- Pluralism and Diversity
- PD/A
- GER 2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

**Prerequisites:**
- ENG 22000 or equivalent

**Credits:** 3 hrs. 3 cr.

**ARB 25100**

### Arab Cinema (in translation)

**Hunter Core**
- Creative Expression (CE)
- Pluralism and Diversity
- PD/A
- GER 2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

**Prerequisites:**
- ENGL 12000 or equivalent

**Credits:** 3 hrs. 3 credits

**ARB 25200**

### Literatures from the Islamic World (W)

**Hunter Core**
- World Cultures and Global Issues (WCGI)
- Pluralism and Diversity
- PD/A
- GER 2/C

A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

**Prerequisites:**
- ENGL 12000 or equivalent

**Credits:** 3 hrs. 3 credits
A survey of the literary and cultural history of Muslim Spain, 8th - 15th century C.E.  
prereq: ENGL 12000 or equivalent  
3 hrs  
3 credits

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.  
prereq or coreq: ENGL 12000 or equivalent  
3 hours  
3 credits

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line;  
3 hrs  
3 cr.

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester’s offerings can be found on the online class schedule.  
prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.  
3 hours  
3 credits

ARTH 20500 - Egyptian Art
Pluralism and Diversity

PD/A

GER

3/A

Geographical, historical and social conditions of the Nile. Influence of Egyptian art.

prereq:

ARTH 11100

prereq or coreq:

ENGL 12000 is a prerequisi
t
tete or corequisite for all ARTH courses numbered 20500 - 20700.

3 hrs

3 cr.

ARTH 26000

Islamic Art and Architecture

Introduction to the art and architecture of Islamic lands (7th to 19th century).

prereq:

ARTH 11100

3 h

rs

3 cr.

Hebrew (partial listing)

HEBR 21000

Selected Studies in Hebrew Literature in Translation

Pluralism and Diversity

PD/C (HEBR 21060 only)

Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with depa

rtment.

3 hrs

3 cr.

HEBR 22000

Israeli Cinema

Israeli cinema and the development of Israel cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women’s issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students who wish to do the reading and discussion in the Hebrew language may have that option. Course will be conducted in English.

prereq:

ENGL 12000

3 hrs

3 cr.

HEBR 22100

Modern Israeli Culture
World Culture and Global Issues (WCGI)

A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.

prereq: ENGL 12000

3 hours

3 credits

Modern Hebrew Literature I

Pluralism and Diversity

PD/D

GER

3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.

prereq: HEBR 20200 or equiv. or exemption

3 hrs

3 cr.

Modern Hebrew Literature II

GER

3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr.

Biblical Literature: Pentateuch

Pluralism and Diversity

PD/A

GER

3/A

Selections from Pentateuch.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr.

The Modern Hebrew Short Story

GER

3/A

Extensive reading of short stories from late 19th century to present, illustrating different literary trends.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr.
HEBR 32200 - Medieval Literature
Pluralism and Diversity
PD/D
GER
3/A
Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period
Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32400 - The Modern Hebrew Essay
Pluralism and Diversity
PD/D
GER
3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32500 - History of Modern Hebrew Literature
GER
3/A
Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700 - The Modern Hebrew Novel
GER
3/A
Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr

HEBR 32800 - Contemporary Hebrew Prose

GER


prereq: HEBR 20200 or equiv.

3 hrs

3 cr

Music

MUSHL 24300 - Music of the Middle East

Music and its relationship to tradition, modernity, gender, and politics in the major regions and ethnic groups of the Middle East and North Africa.

prereq or coreq: MUSHL 10100, or MUSHL 10700, or MUSHL 20500, or MUST 10100, or permission of the instructor

3 hrs

3 cr

Other Courses

Students may petition for other courses to fulfill the elective requirement. No more than two classes from other campuses or universities may be used to fulfill MMES requirements.

ANTHC 12600 - Introduction to Prehistoric Archaeology

Hunter Core

World Culture and Global Issues (WCGI)

GER

2/B

Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

3 hrs

3 cr.

offered every sem.

ANTHC 12700 - Methods In Archaeological Science

Hunter Core

SW

Introduction to theory and method of scientific research in archaeology.

prereq: ANTHC 12600 or perm instr.

3 hrs

3 cr.
ANTHC 22600 - Archaeology of Africa
Pluralism and Diversity
PD/A
GER
3/B
Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 22700 - Archaeology of Europe
Pluralism and Diversity
PD/D
GER
3/B
Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 22800 - Archaeology of the Near East to 2000 BC
Pluralism and Diversity
PD/A
GER
3/B
Sociocultural development of Near East from early hunter-gatherers to first states and empires.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23000 - Prehistory of North American Indians
GER
3/B
Examination of adaptation and change in prehistoric cultural systems, employing archaeological and ethnohistorical sources.
prereq: ANTHC 12600 or perm instr.
3 hrs
3 cr.

ANTHC 23100 - Archaeology of Mesoamerica
GER
3/B
Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires. 

**prereq:** ANTHC 12600 or perm instr.

**3 hrs**

**3 cr.**

ANTHC 23200 - Archaeology of South America and the Caribbean

GER 3/B

Theoretical and empirical examination of development of urbanism and state, in the Old and New Worlds. 

**prereq:** ANTHC 12600 or perm instr.

**3 hrs**

**3 cr.**

ANTHC 32600 - Rise of Old and New World Civilizations

GER 3/B

Survey of selected problems in human evolution and adaptation from an ecological perspective. 

**prereq:** ANTHC 12600 or perm instr.

**3 hrs**

**3 cr.**

ANTHC 32700 - Prehistoric Cultural Ecology

GER 3/B

ANTHC 34600 - Analytic Methods in Archaeology

GER 3/B

Theory and methods of analysis of materials recovered from archaeological excavations and surveys. 

**prereq:** ANTHC 12600 or perm instr. 

**5 hrs (3 hrs lec, 2 lab)**

**4 cr.**

ANTHC 42600 - Seminar in Archaeological Field Methods

Pluralism and Diversity

See note below

Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.
The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

ANTHC 42659 Archaeology of North America meets PD/B

ANTHC 42660 Archaeology of Colonialism meets PD/D

prereq:

ANTHC 12600 or perm instr.

3 hrs
3 cr.

ANTHP 10100 (STEM) - Human Evolution

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER 2/E

The study of human origins and adaptation, through an understanding of evolutionary mechanisms, genetics, comparative primate biology, the fossil record, and modern human variation.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10200 (STEM) - Human Variation

Hunter Core
Scientific World (SW) STEM; Life and Physical Sciences (LPS)
GER 2/E

Description and analysis of biological variation in living human populations. Both genetic and phenotypic variation will be examined. Lab experiments and demonstrations.

6 hrs (3 hrs lec, 3 hrs lab)
4 cr.
offered every sem.

ANTHP 10500 - The Human Species

Hunter Core
Life and Physical Sciences (LPS)
GER 2/E

In this course we examine human biology and behavior from an evolutionary perspective, comparing our anatomy, physiology, and behavior to those of living primates and other mammals. We will discuss the relative roles of genes (“nature”) and environment (“nurture”), the biological basis of behavior, local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage in the development of scientific hypotheses, data collection, and data synthesis analysis, as part of laboratory research experiences throughout the semester. Material covered will help prepare students to understand and evaluate recent advances in genetics, behavioral studies, medicine, and evolution.

3 hrs
3 cr.

ANTHP 21000 - Biology of the Living Primates

This survey-based course will examine the diversity of the Order: Primates. The course will focus on the habitats, life history, ecology, behavior, and conservation of the living primates from an evolutionary perspective.

3 hrs
3 cr.

ANTHP 21400 - Theory of Evolution

local biological adaptations evident in modern human populations, growth and development, and diet and disease. Students will actively engage
and discuss the evolution of the human skeleton with comparisons to great ape and fossil material. Typically, there will be two class periods per second half will be a lab. Worksheets/Study Guides will be provided and are expected to be completed by the end of the lab. In order to become skilled in bone identification and do well in the course, additional study time with the bones will most likely be necessary. We will set up a system to encourage and facilitate study time outside of class.

Second class meeting on a given topic will provide a laboratory setting where students can handle and work with real osteological specimens and/or anatomical models. A given lecture will provide a synthesis of a particular anatomical region and the hands-on details of regional anatomy will then be learned in the associated laboratory session. To gain the most from each lecture and laboratory session, you must do the assigned readings and relevant exercises in the lab workbook beforehand. The laboratory workbook is a required acquisition. Any anatomy textbook will provide you with the necessary reading for lectures, and the purchase of an anatomy atlas is highly recommended as well. In order to do well in the course, additional study time with the anatomical models may be necessary. We will set up a system to encourage and facilitate study time outside of class.
ANTHP 31000 - Primate Ecology and Behavior
Examination of ecological factors responsible for the distribution and behavior of living primate species. Prereq: ANTHP 10100 or 10200 or BIOL 10000 or 10200. 3 hrs 3 cr.

ANTHP 31100 - Primate Evolution
65 million years of evolution covering the appearance and radiation of our own mammalian Order. A detailed look at the primate fossil record and the evolution of primate anatomy, behavior, and ecology. Prereq: ANTHP 10100 or perm instr. 3 hrs 3 cr.

ANTHP 31200 - Primate Evolutionary Genetics
Examines evolutionary relationships, social behavior, natural selection, disease, population history, demography, medicine and genomics. This course draws on readings from the primary literature. Prereq: ANTHP 10100 OR ANTHP 10200 OR BIOL 10200 OR ANTHP 10500. 3 hrs 3 cr.

ANTHP 31600 - Human Evolutionary Adaptations
How do the human body work, and how did it get that way? This course investigates the workings and evolution of all aspects of human biology. Human physiology is considered in an evolutionary framework. Prereq: ANTHP 10100 or ANTHP 10500. 3 hrs 3 cr.

ANTHP 31800 - Primate Nutritional Ecology
This course will examine how primates meet their nutritional needs through interactions with their environments. From an evolutionary perspective, the course will address primate feeding and digestion, foraging theory and dietary methods. Prereq: ANTHP 10100 (Intro. to Physical Anthropology: Human Evolution) or BIOL 10200 (Principles of Biology 2) or ANTHP 105 (The Human Species) or ANTHP 21000 (Biology of the Living Primates). 3 hrs 3 cr.

ANTHP 40100 - Seminars in Selected Topics
Course provides in-depth study of specific topics in field of physical anthropology. Prereq: prereq; depends on topic.
ANTHC 10000 - Cultural Diversity in the United States: Historical and Ethnographic Perspectives (W)

Hunter Cor

Introduction to the critical and comparative study of cultural diversity in the United States.

prereq: ENGL 12000

ANTHC 10100 - Introduction to Cultural Anthropology

Individual and Society (Social Sciences) - I&S SS

Pluralism and Diversity

Comparative and historical examination of the human condition through a focus on diverse responses to universal problems, such as making a living, resolving conflict, organizing family/kin relations and finding meaning in the world.

3 hrs

3 cr.

offered every sem.

ANTHC 20000 - Africa: Societies and Cultures

Pluralism and Diversity

PD/A

GER

Pre-colonial, colonial and contemporary communities, subsistence and exchange systems and ecological adaptations.

3 hrs

3 cr.

ANTHC 20100 - The Middle East: Societies and Cultures

Pluralism and Diversity

PD/A

GER

Peasant, nomadic and urban society; kinship, ethnic, religious and ecological diversity; colonialism and modernization.

3 hrs

3 cr.

ANTHC 20400 - East Asia: Societies and Cultures
Historical and regional variation in various East Asian societies, with a focus on political economy, family, kinship, community and national minorities.

Global Health research examines how interactions between cultural, biological, and political factors affect the health and well-being of individuals and populations, and how biomedical science can be most effective in contexts of poverty, war, or epidemic disease. Topics covered in this class include environmental justice, consequences of war and displacement, and the global health response to emerging epidemics and climate change.

Cross-cultural study of schooling and non-formal education viewed through the lens of cultural anthropology. The course examines teaching and learning with an emphasis on the cultural components of what children are taught, and how they learn. Emphasis is placed on applications of anthropology to theory, policy, and practice in education.

Indigenous peoples, colonization and slavery; minorities, race relations; family life, religion and economy.
Examines anthropological knowledge about Black America and the various socio-political contexts in which this body of scholarship has been produced. Focuses on the politics of knowledge production on Black culture.

Prereq: ENGL 12000

3 hrs 3 cr.

ANTHC 21800 - The Anthropology of the Civil Rights Movement in the U.S.

Pluralism and Diversity
PD/B
GER
3/B

This course examines the grassroots struggle to gain equality and justice in the United States, viewed as a social protest movement, from the perspective of cultural anthropology. The course will focus on the major events, themes and issues of the Civil Rights Movement and examine their effect in challenging the American concept of democracy; in changing those who participated in it; and in spawning other social movements that transformed American society and culture.

Prereq: ANTHC 10100 or departmental permission

Prereq or coreq: ENGL 120

3 hrs. 3 cr.

ANTHC 22500 - Ethnicity and Nationalism

Ethnic and national categories are among the primary ways contemporary humans identify themselves and others, often with violent consequences. This course challenges explanations of such identifications (and conflicts) as "natural" and introduces students to the political, economic, symbolic and affective forces driving ethno-national dynamics.

Coreq: ANTHC 10100

3 hrs. 3 cr.

ANTHC 27500 - Reading Ethnographies (W)

GER
3/B

Examines the most significant mode of writing within cultural anthropology: the ethnography. Students explore interpretive, theoretical and political issues in the representation of cultures through close reading and analysis of ethnographic texts.

Prereq: ANTHC 10100 or permission

Prereq or coreq: ENGL 12000

3 hrs. 3 cr.

ANTHC 30100 - Gender in Anthropological Perspective
Men and women in different societies, division of labor, socialization, stratification, political activism and gender construction.

ANTHC 30600 - Anthropology of Religion
Emphasis on non-Western societies; theories of religion, magic; functions and symbolic meaning.

ANTHC 30700 - Folklore and Myth
Cultural and psychological functions and symbolic meanings.

ANTHC 30800 - Human Ecology
Relationship between human populations and environment; ecosystems, population interactions, resource management and environmental movements.

ANTHC 30900 - Countryside and City: Comparative Perspectives
Rural-urban connections and the transformations that affect rural areas and peoples in diverse parts of the world.
ANTHC 31000 - Politics and Power in Anthropological Perspective

Pluralism and Diversity

GER 3/B

Leadership, conflict, inequality, decision-making and law in different societies; interaction of local politics with state and global institutions.

prereq: ANTHC 10100 or perm instr.

3 hrs 3 cr.

ANTHC 31100 - Anthropology of Art

Pluralism and Diversity

GER 3/B

Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.

3 hrs 3 cr.

ANTHC 31200 - Anthropological Approaches to Sexuality

Pluralism and Diversity

GER 3/B

Documents the social construction of human sexuality through an examination of sexual variation cross-culturally and over recent history, including the development of sexually defined communities and identities within contemporary societies.

prereq: ANTHC 10100

3 hrs 3 cr.

ANTHC 31300 - Race, Culture, Power

This course offers an anthropological approach to the study of racial phenomena, including racism, racialization, the formation of racial categories, identities and subjectivities, and anti-racism. The course presents theories of race and power, and highlights the importance of a cultural analysis and a comparative perspective.

prereq: ENGL 12000

coreq: ANTHC 10100

3 hrs 3 cr.

ANTHC 31400 - Research Design in Anthropology

Pluralism and Diversity

GER 3/B

Introduction to basic principles of research design employed in anthropology.

prereq: ANTHC 10100

3 hrs 3 cr.

ANTHC 31500 - Applied Anthropology
Practical applications of theory and methods to contemporary social problems; community development; intercultural relations.  
prereq: ANTHC 10100 or perm instr.  
3 h 3 cr.

ANTHC 31800  
History of Anthropological Theory
Pluralism and Diversity
PD/D  
GER  
3/B  
Changing approaches to the study of society and culture. Political and historical context of the development of theory, the link between theory and method and the impact of theory on policy.  
prereq: ANTHC 10100 or perm instr.  
3 hrs 3 cr.

ANTHC 32000  
Problems in Anthropology
GER  
3/B  
Topics TBA. Recent courses have looked at globalization, social movements and civil society, energy policy, women and economic development, international migration. Depending on topic, may meet PD/A, B, or C.  
prereq: perm instr.  
3 hrs 3 cr.

offered every sem.

ANTHC 32100  
Women and Globalization
GER  
3/B  
The situation of women from less developed countries with attention to the local and global forces shaping their lives. Topics include migration, the international division of labor and worldwide adoption. Includes both theoretical approaches and practical issues related to improving women's place in society.  
cross-listed WGSL 32100  
prereq: ANTHC 10100 or perm instr.  
3 hrs 3 cr.

ANTHC 32200  
Family and Household in Anthropology and History
Pluralism and Diversity  
PD/C  
GER  
3/B  
Examines variations in household structure and family relations across cultures and over time, focusing on the relationship between domestic arrangements and other aspects of society.  
prereq or coreq: ANTHC 10100
ANTHC 32500 - Special Projects and Independent Research in Anthropology

GER 3/B

prereq: perm instr.

3 hrs

3 cr.

offered every sem.

ANTHC 32900 - Politics of Memory

How do groups and societies remember the past, and how and why do monuments and sites of historical memory become part of political processes and cultural struggles in the present? This class explores the role of cultural memory in diverse societies, examining how historical knowledge and other forms of relationship to the past are used to ask and answer questions about power and justice. Examples will include ethnographic accounts of people's shared reflections on their pasts and the traces of the past in the landscape and even in people's bodies.

prereq: ENGL 12000

3 hrs.

3 cr.

ANTHC 33000 - Food and Culture

Food and culture are examined in all their relations, from production to consumption, including how societies vary in their tastes and practices of distinction, how food is used to convey symbolic meanings and display power, and how global societies can meet challenges of scarcity, sustainability, and ethical management across the food system.

prereq: ENGL 12000

3 hrs.

3 cr.

ANTHC 33100 - Grassroots Movements and Social Change

Mass mobilizations—progressive and regressive—have been significant engines of historical transformation. This course examines social scientific theories about social movements and collective action, and case studies of racial, gender and environmental justice, transnational and local, indigenous peoples, and countercultural movements.

coreq: ENGL 12000 and ANTHC 10100

3 hrs.

3 cr.

ANTHC 33200 - East Asia: Societies and Cultures

GER 3/B

Historical and regional variation in various East Asian societies with a focus on political economy, kinship, community and national minorities.

prereq: ANTHC 10100 or perm instr.

3 hrs

3 cr.

ANTHC 33200 - Medical Anthropology
This course provides an advanced introduction to Medical Anthropology, a vast subfield of Anthropology with many applications in the health sciences and industries. The focus is on how social groups variously experience, act upon and make meaning of health, wellbeing, illness, disease, and healing. The course emphasizes the complexities of health and illness in the context of cultural beliefs and practices, as well as in relation to broader, macro-level processes on both local and global scales.

prereq: ENGL 12000

coreq: ANTHC 10100

3 hrs. 3 cr.

ANTHC 33400 - Latin America: Societies and Cultures
GER 3/B
Changing views of US and Latin American anthropologists on ethnic, class and gender relations, underdevelopment, migration and social movements.

prereq: ANTHC 10100 or perm instr.

3 hrs 3 cr.

ANTHC 34500 - Anthropology of Science
This course examines how scientific knowledge is made in laboratories and other venues of scientific practice, while helping students develop critical evaluations of the power and authority of science and understand its role in current social problems. Students will examine scientific practices and notions of objectivity; make comparisons with indigenous, non-Western, and lay knowledge systems; and explore ethical and legal aspects of scientific innovation.

prereq: ENGL 12000
coreq: ANTHC 10100 OR ANTHP 10100

3 hrs. 3 cr.

ANTHC 35000 - Popular Culture: Anthropological Perspectives
GER 3/B
The comparative ethnographic and theoretical study of popular and expressive culture traditions from around the world.

prereq: ANTHC 10100, ENGL 12000, or perm instr.

3 hrs 3 cr.

ANTHC 35500 - Law, Justice, Reconciliation
An examination of how people pursue justice and reconciliation between perpetrators and victims after major wars, political violence, or colonialism, with particular attention to the uses of law in these processes, and the wider problems of attaining redress for deep historical wrongs like racism, genocide, and slavery.

prereq: ENGL 12000

3 hrs 3 cr.

ANTHC 40000 - Honors Projects
prereq: perm chair
offered every sem.

ANTHC 40100 - Seminars in Selected Topics
Topics TBA.
ANTHC 40196 - International Migration
3 hrs
3 cr.

ANTHC 15100 - Introduction to Linguistics
Hunter Core
World Cultures and Global Issues (WCGI)
GER
2/B
Structure and analysis of human languages; language history; language in society, culture and mind; language universals.
3 hrs
3 cr.

ANTHC 26000 - North American Indian Languages and Cultures
GER
3/B
Linguistic analysis and sociocultural background of North American Indian languages.
3 hrs
3 cr.

ANTHC 26300 - Afro-New World Languages and Cultures
GER
3/B
Linguistic analysis, history, sociocultural background of Caribbean creole languages, other Afro-American speech forms.
3 hrs
3 cr.

ANTHC 32076 - Language, Sex and Gender
Pluralism and Diversity
PD/C
GER
3B
cross-listed WGSA 300.53
prereq: ANTHC 15100 or permission from instructor and or department
3 hrs
3 cr.

ANTHC 35100 - Language in Culture and Society
GER
3/B
ANTHC 35300 - Phonological Analysis and Theory

GER 3/B

Phonetics of diverse languages, their phonemic analysis at different levels of theory, including distinctive feature analysis and phonological links to grammar.

prereq: ANTHC 15100 or equiv.

3 hrs
3 cr.

ANTHC 35400 - Grammatical Analysis and Theory

GER 3/B

Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.

prereq: ANTHC 15100 or equiv.

3 hrs
3 cr.

ANTHC 31600 - Quantitative Methods in Anthropology

GER 3/B

Statistics and data analysis techniques for anthropological research.

3 hrs
3 cr.

ANTHC 31700 - Field Methods in Cultural Anthropology

GER 3/B

HMBIO 40100 - Human Biology Senior Capstone

Addresses some of the key contemporary topics and debates in human biology from multiple vantage points.

prereq: ANTHP 10500 and 21 credits towards the Human Biology Major AND Permission of the Human Biology Program Director.

3 hrs
3 cr.

HMBIO 40200 - Independent Study

Research project directed by a Human Biology Program participating faculty member.

prereq: Permission of the Human Biology Program Director. Human Biology majors only.

1 - 3 hrs
1 - 3 cr.
Opportunity to participate in an internship in institutions related to the Human Biology major. 

prereq:

Permission of the Human Biology Program Director. Human Biology majors only.

1-3 hrs  1-3 cr.

Programs and Courses in Arabic

return to:

Arabic Language, Literature, and Culture Program

Programs in Arabic

Arabic

- BA

Minor in Arabic and Minor in Arabic Studies

Courses in Arabic

ARB 10100 Beginning Arabic I

ARB 10200 Beginning Arabic II

ARB 14800 Beginning Arabic for Heritage Speakers

ARB 14900 Spoken Egyptian Arabic

ARB 15000 Introduction to Modern Arab Cultures

ARB 20000 Topics in Arabic Literature and Culture

ARB 20100 Intermediate Arabic I

ARB 20200 Intermediate Arabic II

ARB 24800 Intermediate Arabic for Heritage Speakers

ARB 24900 Special Topics in Arabic Dialects

ARB 25000 The Arab Novel (in translation) (W)

ARB 25100 Arab Cinema (in translation)

ARB 25200 Literatures from the Islamic World (W)

ARB 25300 Literatures and Cultures of Muslim Spain (W)

ARB 25400 The Arabian Nights East and West (W)

ARB 25500 Modern Palestinian Culture

ARB 25600 Modern Arab Theatre

ARB 25700 Language and Culture in Contemporary North Africa
The Department of Art and Art History offers a wide variety of courses for majors and non-majors. Art History is the study of works of art and architectural monuments in their cultural environment. Students learn to develop their powers of critical visual analysis and how to apply these historically to works of Western and Non-western art. The 30-Credit Art History Major BA is intended for students interested in a liberal arts education in the humanities or students planning to continue their art history studies in a graduate program. A broad range of courses from different fields, rather than specialization in one area, is encouraged.

In Studio Art, two academic degrees are offered: the BA, either 24-credit or 42-credit; and the BFA, 61 credits. The 24-credit BA is recommended for the student interested in a liberal arts education, particularly those interested in double majoring in Art History, or in other majors. The 42-credit BA is an intensive major recommended for the student who prefers a greater concentration in studio art and particularly for the student who plans to do graduate study in art. The BFA gives students the prolonged, intense focus on studio practice, contemporary art and theoretical issues, which is the kind of training typically regarded as an excellent education in the field of fine arts. This competitive program prepares students to compete for entry into MFA programs nationwide.

What can I do with my degree in Art or Art History? Students who major in Art or Art History develop skills that are highly valued by employers. These skills include: critical and creative thinking; oral, written, and visual communication skills; the ability to take multiple approaches to solving problems; adaptability; the ability to work effectively individually and collaboratively; the ability to interpret cultures; organization; research and synthesis. Graduates may find employment in museums and other arts organizations, government, nonprofits, educational institutions, and businesses. The new undergraduate Arts Management and Leadership Certificate program consisting of courses drawn from several departments and housed in the Department of Urban Policy and Planning is intended for students interested in careers in both the visual and the performing arts; it relies on businesses and organizations in New York City for internships, events and exhibitions, and discussions with artists and other arts professionals. The BA in Art History and the 42-credit BA in Studio Art provide excellent preparation for students who plan to complete graduate studies in the field. The BFA prepares students for MFA programs.

Programs and Courses

Honors

Students majoring in Art History who wish to graduate with honors must consult an adviser to make an official application for consideration by the faculty members on the Undergraduate Art History Committee on Honors. Major credits must have been completed with a 3.7 grade point average, and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Students must submit a research paper written for Research Methods of Art History or an Advanced Studies Seminar, with the instructor's comments, edits, and grade, to the department's Undergraduate Art History Committee on Honors. The paper must have received a minimum grade of A-. Papers written for other art history courses may be considered if they conform to the requirements for an Advanced Studies Seminar; consult with an adviser. The committee will review the complete application to determine if the student merits departmental honors.

Students majoring in Studio Art who wish to graduate with honors must consult with an adviser to make an official application. Major credits must have been completed with a 3.5 grade point average, and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Students must submit work from an advanced studio special topics course ARTCR 36000 or independent study project (ARTCR 40200 ).
The Department of Art and Art History offers introductory, intermediate and advanced courses in art history. The major consists of 33 credits. No more than 15 credits transferred from another institution may be applied to the major. The Art History BA is intended for students interested in a liberal arts education in the humanities or students planning to continue their art history studies in a graduate program. A broad range of courses from different fields, rather than specialization in one area, is encouraged. Majors who have completed 3 credits in art history beyond ARTH 11100 are eligible to take the required seminar, Research Methods of Art History ARTH 30000, to be programmed in consultation with an art history adviser. Majors planning graduate study in art history should discuss with an art history adviser the requirements for graduate admission, including graduate language requirements; this should be done during an early semester. Students may declare a double major in Studio Art (24 credits). Note: At least one class numbered ARTH 31100 (W) - ARTH 38100 (W) must be taken in the major (either to fulfill a distribution area or as a major elective).

Hunter Core Requirement

Note: Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019
Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs
3 cr.

2. One course in each of four distribution areas 12 cr.

Distribution areas

• Ancient and Medieval (including Egyptian, Greek, Roman)
• Renaissance, Baroque, and 18th century (including Colonial Latin American)
• Modern: 19th, 20th and 21st century (including Modern Latin America)
• Islamic, Asian (including Chinese, Japanese, and Indian), and African

Note: Distributions can be met via 20000, 31100 - 38100 or 41000 - 48000 level courses. If in doubt consult with an advisor.

3. Required Courses 6 cr.
ARTLA 20100 - Art Foundations: Seeing, Thinking, Making
This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000 - level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

Material fee: $25.00
4 hrs.
3 cr.

ARTH 30000 - Research Methods of Art History Seminar (W)
GER
3/A

Training in fundamental methods of learning and writing about work of art through visual analysis and arthistorical research, focusing on a particular area in art history, and culminating in a substantial academic research paper. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTH 11100 and one 200 - level art history course. Open only to Art History majors and minors and Studio Art majors.

3 hrs
3 cr.

4. At least one Advanced Studies Seminar (41000 - 48000 level) 3 cr.
(Prerequisite: ARTH 30000 Research Methods)

3 cr.

5. Three additional courses 9 cr.

Students must take 3 additional courses, from any of the department offerings in art history at the 20000, 30000 or 40000 level

Notes:
At least one class numbered 31100 - 38100 (W) must be taken in the major (either to fulfill a distribution area or as a major elective). Only grades of C and above can be counted toward the Art History major.

Three credits in ARTH 40200 Independent Study in Art History or ARTH 49800 Internship in service (Internship) may count toward the major and up to 3 additional credits in ARTH 49800 Internship may be approved as elective credit toward the BA degree (but not toward the major).

ARTLA 20100 Art Foundations: Seeing, Thinking, Making, or any studio course taken for the Studio Art 24cr major, cannot count toward both the Studio Art (24cr) major and the Art History major. To replace the ARTLA 20100 requirement, Art History majors double majoring in Studio Art (24cr) must choose a replacement course in consultation with the Art History adviser. The replacement course may be a Studio Course (ARTCR), an Art History course (ARTH), or a cognate in another department, such as Classics, Religion, or History.

Graduate Study
The Department of Art and Art History offers a number of courses, listed in the Graduate Catalog, that may be credited toward the degree of bachelor of arts. Qualified undergraduate art history students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

Honors
Art History Major students wishing to graduate with honors must consult an adviser to make an official application for consideration by the faculty members on the Undergraduate Art History Committee on Honors. Application forms are in the Art and Art History office, Room 11054 Hunter North. Major credits must have been completed with a 3.7 grade point average, and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Students must submit a research paper written for Research Methods of Art History ARTH 30000 or an Advanced Studies Seminar ARTH 41000 - 4800 with instructor's comments, edits, and grade, to the department's Undergraduate Art History Committee on Honors. The paper must have received a minimum grade of A-. Papers written for other art history courses may be considered if they conform to the requirements for an Advanced Studies Seminar; consult with an adviser. The committee will review the complete application to determine if the student merits departmental honors.

Degree Map for Art History
The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Art History major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation.
Change forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

ENGL 22000 - Introduction to Writing about Literature (W)

This course focuses on analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

ARTLA 20100 - Art Foundations: Seeing, Thinking, Making

This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental cross-disciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

ARTH 30000 - Research Methods of Art History Seminar (W)

This seminar explores the methodologies and approaches to studying art history, focusing on critical issues in the field. Students engage in discussions, debates, and presentations on current research and trends in art historical scholarship.
Training in fundamental methods of learning and writing about work of art through visual analysis and arthistorical research, focusing on a particular area in art history, and culminating in a substantial academic research paper. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTH 11100 and one 200-level art history course. Open only to Art History majors and minors and Studio Art majors.

3 hrs 3 cr.

• ARTH-Major Distribution Area 2
• Foreign Language-Intermediate Level II
• Elective
• Elective

Junior Year
Fall
• ARTH-Major Distribution Area 3
• ARTH-200 or 300 Level Elective
• Elective
• Elective
• HCR-Concentrated Study

Spring
• ARTH-Major Distribution Area 4
• ARTH-200 or 300 Level Elective
• Elective
• Elective
• Elective

Senior Year
Fall
• ARTH-400 Level Advanced Study Seminar
• Elective
• Elective
• Elective
• Elective

Spring
• ARTH-200, 300 or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Studio Art-BA
Return to Programs and Courses in Art and Art History

Studio Art 24 - Credit Major (BA)

Studio Art 42 - Credit Major (BA)

Electives
All courses, unless otherwise specified, are open to qualified students majoring in other areas.

Honors
Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

ARTCR 36000 - Special Topics
Topics in studio art are announced prior to registration each term. One Special Topics course may be taken to meet concentration requirements in the 42 credit degree.

Material Fee: $50
prereq: ARTLA 20100
3 hrs + 5 hrs open studio
3 cr.

ARTCR 40200 - Independent Study in Studio Art
prereq: ARTLA 20100
1 - 3 hrs
1 - 3 cr. per semester

Graduate Study
The Department of Art offers a number of courses, listed in the Graduate Catalog, that may be credited toward the degree of bachelor of arts. Qualified students in the senior year may be admitted to these courses with the approval of the graduate art history adviser.

Studio Art - BFA
This degree is open to the student who wants to complete work in studio art beyond the 42-credit major and particularly the student who intends to pursue a career as a professional artist and attend graduate school.

Students follow the regular Hunter Core Requirement - Fall 2013 to Spring 2019 for the BA degree. Departmental approval of the 61-credit BFA concentration is required. Students who have successfully completed 90 credits may apply to the BFA program, pending an interview with the BFA adviser. Students are required to maintain a GPA of 3.0 in this program. Required courses are as follows:

Hunter Core Requirement
Courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:
This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.

Material fee: $25.00
4 hrs.
3 cr.

ARTLA 20200
Art Foundations: Methods and Techniques

ARTLA 20200 is the second part of the foundation-year course requirement for 42-credit BA and BFA art majors. This class is open to any student who has taken ARTLA 20100 or the equivalent. The class will be taught by one instructor who will introduce the student to the fundamental skills of drawing, sculptural methods, new genres technologies. Museum/gallery visits, and written analysis of exhibitions will be assigned to help build an understanding of how skill and technique are implemented in the conceptual creation of art. This is a baseline course, and will facilitate learning as the student progresses to one of our study areas of Painting, Sculpture, New Genres, Ceramics, Drawing or Printmaking.

prereq: ARTLA 20100
4 (+ 5 hrs independent studio)
3 cr.

Concentration Courses (9 credits)
4 (ARTCR) classes in an area of study can include only one ARTCR 36000
12 credits

Studio Art Courses (12 credits):
4 (ARTCR) studio classes outside the area of study 12 credits

Art History (9 credits)
3 (ARTH) art history courses, one of which must be ARTH 35100 Special Topics Lecture in Modern Art (W)

Capstone Course (3 credits)
ARTLA 40600 2D/3D/4D Capstone Seminar 3 credits

After admission to BFA program:
ARTCR 40500 Art and Current Ideas II 3 credits
ARTCR 45900 Professional Experience in Art I 6.5 credits
ARTCR 46000 Professional Experience in Art II 6.5 credits

An additional art history course (ARTH) taken only at Hunter, must be at least 3.0.

Honors
Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0.
The 24-credit Major (BA) is recommended to the student interested in a liberal arts education, particularly those interested in double majoring in Art History, or in other majors in the college. It consists of eight courses in the major subject, normally one 3-credit course per semester, beginning with ARTLA 20100, followed by an additional 21 credits selected from 20000- and 30000-level ARTCR courses. ARTCR 22100 Drawing is recommended but not required. Repeated and additional courses cannot count towards the BA degree.

The 24-credit major in creative art consists of eight courses:

- **Core Course (3 credits)**
  - ARTLA 20100 Art Foundations: Seeing, Thinking, Making
  - This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000-level and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.
  - Material fee: $25.00
  - 4 hrs. 3 cr.

- **Studio Art Courses (21 credits)**
  - 7 courses selected from ARTCR 20000 and 30000-level ARTCR courses.

- **Honors**
  - Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

---

The 42-credit Major (BA) is an intensive major recommended for the student who prefers a greater concentration in studio art and particularly for the student who plans to do graduate study in art.

**Courses Required for the Major**

- **Two introductory classes:**
  - ARTLA 20100 Art Foundations: Seeing, Thinking, Making
  - ARTLA 20200 Art Foundations: Methods and Techniques

- **Four (ARTCR) classes (12 credits) in one area of study** can include only one ARTCR 36000

- **Four (ARTCR) (12 credits) studio classes outside the area of study**

- **Three (ARTH) (9 credits) of study in art history,** at least one of which must be in contemporary or modern art, i.e.
  - ARTH 24900, ARTH 25000, ARTH 25100, ARTH 24700, ARTH 25700, ARTH 35100, ARTH 45000

- **ARTLA 40600 2D/3D/4D Capstone Seminar**
  - 3 credits, to be taken towards the end of the degree.

**Double Majors**
Students in the 42-credit Studio Art major may not double major in Art History, but they may minor in Art History, by fulfilling the requirements for an Art History minor in addition to the 9 ARTH credits required for the Studio Art 42-credit major.

While the major requires fewer than the 30 credits of ARTCR that can be counted toward the BA degree, whether in the major or as college electives, we encourage students to take the full 30 credits of ARTCR allowed.

Honors

Students wishing to graduate with honors must consult an adviser to make an official application. Application forms are in the Art Office, Room 11054 Hunter North. Major credits must have been completed with a 3.5 grade point average and the cumulative grade point average, from courses taken only at Hunter, must be at least 3.0. Student must submit digital images of an advanced studio project or independent study course.

Degree Map

Degree Map for Studio Art (42 cr.) BA

Minor in Art History

The Art History minor requires students to take 12 credits in Art History as follows: ARTH 11100 - Introduction to History of Art, followed by 9 credits selected from the other department offerings.

No more than 6 credits transferred from another institution may be applied to the minor.

ARTH 11100 - Introduction to History of Art

Hunter Core

Individual and Society (Humanities) - I&S H

Pluralism and Diversity - PD/D

GER

2/D - GER

Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

3 hrs

3 cr.

ARTH 20500 - Egyptian Art

Pluralism and Diversity - PD/A

GER

3/A

Geographical, historical and social conditions of the Nile. Influence of Egyptian art.

prereq: ARTH 11100

prereq or coreq: ENGL 12000 is a prerequisite or corequisite for all ARTH courses numbered 20500-20700.

3 hrs

3 cr.

ARTH 21500 - Greek Art
Pluralism and Diversity

ARTH 21000 - Sculpture and painting from the geometric period to the Hellenistic (ca. 750 - 100 BC). Emphasis on architectural sculpture, monumental free-standing sculpture and vase painting, in their stylistic and narrative contexts.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 21600 - Roman Art
Roman sculpture and painting from Republican period to Age of Constantine (ca. 100 BC - 315 AD). Emphasis on historical reliefs, portraits and wall painting.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 21900 - American Art, 1900 - 1950
Survey of major figures, movements, and episodes in American art in the first half of the twentieth century, with attention to artistic practices and the social, historical, and political contexts that gave rise to them.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 22000 - Early Medieval Art
Sculpture, painting, mosaics and minor arts in West from dissolution of Roman Empire through Carolingian revival, including early Christian and Byzantine art.

prereq: ARTH 11100
3 hrs
3 cr.

ARTH 22100 - Later Medieval Art
Ottonian, Romanesque and Gothic art; architecture, sculpture, painting and minor arts.

prereq: ARTH 11100
3 hrs
3 cr.
ARTH 22500 - Art of Early Renaissance
Pluralism and Diversity
PD/D
GER
3/A
Painting, sculpture and related architecture in 14th- and 15th-century Italy. Major artists from Giotto to Botticelli.
prereq: ARTH 11100
3 hrs
3 cr.

ARTH 22700 - Northern Renaissance Art
Pluralism and Diversity
PD/D
GER
3/A
Northern European art from the 14th-16th centuries with emphasis on early Netherlandish painting including Jan van Eyck, and later masters including Dürer, Bosch and Bruegel.
prereq: ARTH 11100
3 hrs
3 cr.

ARTH 23000 - Art of High Renaissance and Later 16th Century in Italy
Pluralism and Diversity
PD/D
GER
3/A
Sculpture and painting of 16th-century Italy. Emphasis on Leonardo, Raphael, Michelangelo and Titian.
prereq: ARTH 11100
3 hrs
3 cr.
offered spring

ARTH 23500 - Southern Baroque Art
Pluralism and Diversity
PD/D
GER
3/A
Sculpture, painting of 17th-century Italy, France, Spain: Carracci, Caravaggio, Reni, Bernini; Ribera, Velasquez, Zurbaran, Murillo; Poussin, Claude Lorrain.
prereq: ARTH 11100
3 hrs
3 cr.

ARTH 23700 - Art and Architecture in Colonial Latin America
Art in Latin America from 1521 - 1821

Prereq or coreq: ARTH 11100
3 hrs.
3 cr.

ARTH 24000 - Baroque Art of Northern Europe
Pluralism and Diversity
PD/D
GER
3/A
Sculpture and painting in 17th-century Flanders, Holland and England. Rubens, Van Dyck, Rembrandt; landscape.
Prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24300 - Eighteenth-Century Art
Pluralism and Diversity
PD/D
GER
3/A
European painting and sculpture; Watteau, Fragonard and Houdon in France, Hogarth and Reynolds in England, Tiepolo in Italy.
Prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24400 - Neo-Classicism and Romanticism: the Age of Revolution, 1789-1848
Pluralism and Diversity
PD/D
GER
3/A
Neo-classicism and romanticism in France, Germany, England, Spain. David, Ingres, Delacroix; Friedrich, Runge, the Nazarenes; Blake, Reynolds, Constable; Goya.
Prereq: ARTH 11100
3 hrs
3 cr.

ARTH 24500 - Issues in 19th-Century French Painting: Realism, Impressionism and Post-Impressionism/Symbolism (1850-1910)
Pluralism and Diversity
PD/D
GER
3/A
Impressionists and post-Impressionists within a European context: Courbet, Manet, Monet, Caillebotte, Van Gogh, Gauguin, Munch.
Prereq: ARTH 11100
3 hrs
3 cr.
American art beginning with the Colonial period and including West, Copley, the Peales, Cole and the Hudson River School, the Luminists, Homer and Eakins.

Prereq: ARTH 11100
3 hrs
3 cr.
Offered fall

Modern Art in Latin America until c. 1945

Prereq: ARTH 11100
3 hrs.
3 cr.

Western art to World War II.

Prereq: ARTH 11100
3 hrs
3 cr.

Western art from World War II to approximately 1980.

Prereq: ARTH 11100
3 hrs
3 cr.

Significant international artists and art works of the past twenty years, as well as recent developments in art theory and criticism.

Prereq: ARTH 11100
ARTH 25200 - Ancient Architecture

- Major architectural styles with emphasis on Greece and Rome.
- Technical, cultural and aesthetic significance of the monuments.

Prerequisite: ARTH 11100

ARTH 25300 - Medieval Architecture

- Major styles and buildings in West from ancient world through Middle Ages;
- Technical, cultural and aesthetic significance.

Prerequisite: ARTH 11100

ARTH 25400 - Architecture: Renaissance to Neo-Classical

- Architecture in West from Renaissance through the 19th century; baroque, rococo and neoclassical styles.

ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement (GER: Stage 2, Group D) by all students except those accepted into the 61-credit BFA program. It may not be credited toward art history major requirements.

ARTH 25500 - Modern Architecture I (1850-1950)

- Survey of western architecture from 1850 to 1950, emphasizing the wide range of theoretical, formal, and technological aspects of architectural practice during this period.

Prerequisite: ARTH 11100

ARTH 25600 - Modern Architecture II (from 1950 until today)
Survey of western architecture since 1950, examining the diversification of modern architectural practice, its increasing global reach and regional variations, with an emphasis on emerging architectural theories.

prereq: ARTH 11100
3 hrs.
3 cr.

ARTH 25700 - Postwar and Contemporary Art in Latin America
Art in Latin America from c. 1945 to the present
prereq: Prerequisite: ARTH 11100
3 hrs.
3 cr.

ARTH 26000 - Islamic Art and Architecture
Pluralism and Diversity
PD/A GER
3/A
Introduction to the art and architecture of Islamic lands (7th to 19th century).
prereq: ARTH 11100
3 hrs.
3 cr.

ARTH 26200 - Art of East Asia: Ritual and Religion
GER
3/A
Emphasis on art and archaeology of ancestral worship, funerary spaces, and religions in East Asia.
prereq: ARTH 11100
3 hrs.
3 cr.

ARTH 26300 - Art of East Asia: Painting and Calligraphy
Pluralism and Diversity
PD/A GER
3/A
Art of the brush in a chronological and thematic approach. From the classical tradition up until the 20th century.
prereq: ARTH 11100
3 hrs.
3 cr.

ARTH 27000 - Art of Africa and Oceania
Pluralism and Diversity
PD/A GER
Survey of African art; function, subjects, forms and styles of the arts in the cultural contexts.

Prereq: ARTH 11100

3 hrs
3 cr.

ARTH 28000 - History of Photography

GER 3A

An historical survey of photography between 1839 and the present day with a focus on the visual revolution provoked by this new medium of representation and on photography's creative expression.

The course is organized chronologically from the beginnings of photography, in 1839, to our time. It gives full exposure to the main technologies of photography in the nineteenth-century, as they became accessible to a large public and introduced new aesthetics in portraiture, urban landscapes, and the representation of distant geographies. This history continues in the twentieth-century, when photography became more experimental and sought its own artistic autonomy. The course surveys chronologically the key moments at which photography reached the status of art, was used as social document, and fulfilled a wide social need. The dialogue between contemporary art and photography is brought to the present, exploring the strategies by which digital art is challenging the idea of photography as truthful representation of the world.

3 hrs
3 cr.

ARTH 30000 - Research Methods of Art History Seminar (W)

GER 3/A

Training in fundamental methods of learning and writing about work of art through visual analysis and arthistorical research, focusing on a particular area in art history, and culminating in a substantial academic research paper. This course is for Art History majors and minors and Studio Art majors only.

Prereq: ARTH 11100 and one 200-level art history course. Open only to Art History majors and minors and Studio Art majors.

3 hrs
3 cr.

ARTH 3110 - Special Topics Lecture in Ancient Art (W)

Pluralism and Diversity

GER 3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

Prereq: ARTH 11100, and two 200-level art history courses

3 hrs
3 cr.

ARTH 32100 - Special Topics Lecture in Medieval Art (W)

Pluralism and Diversity

GER 3/A

Upper-level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

Prereq: ARTH 11100 and two 200-level art history courses

3 hrs
3 cr.

rio Art majors only.
ARTH 33100 - Special Topics Lecture in Renaissance Art (W)
Pluralism and Diversity
P/D D
GER
3/A
Upper level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ARTH 11100 and two 200-level art history courses

ARTH 34100 - Special Topics Lecture in Baroque Art (W)
Pluralism and Diversity
P/D D
GER
3/A
Upper level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses

ARTH 35100 - Special Topics Lecture in Modern Art (W)
GER
3/A
Upper level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses

ARTH 36100 - Special Topics Lecture in Islamic Art (W)
Pluralism and Diversity
P/D A
GER
3/A
Upper level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.
prereq: ART 11100 and two 200-level art history courses

3 hrs 3 cr.
ARTH 37100 - Special Topics Lecture in Asian Art (W)

Pluralism and Diversity
P/D A
GER
3/A
Upper level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ART 11100 and two 200-level art history courses
3 hrs 3 cr.

ARTH 38100 - Special Topics Lecture in Art History (W)

GER
3/A
Upper level lecture course; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming 300-level course titles indicating special topics.

prereq: ART 11100 and two 200-level art history courses
3 hrs 3 cr.

ARTH 40200 - Independent Study in Art History

ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61-credit BFA program. It may not be credited toward art history major requirements.

prereq: perm instr.
3 hrs 3 cr.

ARTH 41000 - Advanced Studies Seminar in Ancient Art (W)

Pluralism and Diversity
P/D D
Upper level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.
3 hrs 3 cr.

ARTH 42000 - Advanced Studies Seminar in Medieval Art

Pluralism and Diversity
P/D D
Upper level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.

prereq: ARTH 300 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.
3 hrs 3 cr.
ARTH 43000 - Advanced Studies Seminar in Renaissance Art (W)
Pluralism and Diversity
P/D D
Upper level seminar; check Department website each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.
prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.
3 hrs 3 cr.

ARTH 44000 - Advanced Studies Seminar in Baroque Art (W)
Pluralism and Diversity
P/D D
Upper level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. Open only to Art History majors and minors and Studio Art majors.
prereq: ARTH 30000 and two 200-level art history courses. This course is for Art History majors and minors and Studio Art majors only.
3 hrs 3 cr.

ARTH 45000 - Advanced Studies Seminar in Modern Art (W)
Upper level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.
prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.
3 hrs 3 cr.

ARTH 46000 - Advanced Studies Seminar in Islamic Art (W)
Pluralism and Diversity
P/D A
Upper level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.
prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.
3 hrs 3 cr.

ARTH 47000 - Advanced Studies Seminar in Asian Art (W)
Pluralism and Diversity
P/D A
Upper level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.
prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.
3 hrs 3 cr.

ARTH 48000 - Advanced Studies Seminar in Art History (W)
Upper level seminar; check Art Department website www.hunter.cuny.edu/art each semester for the announcement of upcoming course titles indicating special topics. This course is for Art History majors and minors and Studio Art majors only.
prereq: ARTH 30000 and two 200-level art history courses. Open only to Art History majors and minors and Studio Art majors.
3 hrs 3 cr.
Qualified undergraduates work for academic credit in professional and community art institutions. Students must also contact and apply at the internship office, where all college-approved internships are listed. The credits earned cannot be used to fulfill the 24-credit major requirement. Three credits may be applied to the 42-credit major. A maximum of six art history Inservice credits may be applied to the degree. ARTH 11100 is the prerequisite for all advanced art history courses and may be used toward the General Education requirement for humanities and the arts (GER: Stage 2, Group D) by all students except those accepted into the 61-credit BFA program. It may not be credited toward art history major requirements.

**ARTCR 22100 - Drawing**
Basic principles in various media and subjects. Eye/hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects. Material Fee: $50

**Prerequisite:** ARTLA 20100

**ARTCR 22500 - Printmaking**
Techniques of woodcut, intaglio, lithography, silkscreen and related media. Material Fee: $75

**Prerequisite:** ARTLA 20100

**ARTCR 23500 - Painting**
Basic principles of painting. Studio practice using varied paint media, varied paint surfaces, paper and canvas. Material Fee: $100

**Prerequisite:** ARTLA 20100

**ARTCR 24000 - Watercolor Painting**
Basic principles of watercolor painting. Material Fee: $100

**Prerequisite:** ARTLA 20100

**ARTCR 25100 - Sculpture**
Basic principles of sculpture. Studio practice in varied materials. Material Fee: $70
ARTLA 20100 - 4 hrs 3 cr. + 5 hrs open studio

ARTCR 25700 - Ceramics
Introduction to pottery and ceramic sculpture, including hand forming, throwing on the wheel, glazing and kiln operation. Material Fee: $95

ARTCR 27100 - Principles of Photography
Black and white photography as creative medium; camera and its functions; exposure and film development, contact printing and enlarging. Material Fee: $75

ARTCR 29000 - New Genres
An introduction to New Genres, including video art, sound art, conceptual art, performance, installation and other media based arts. Skills and tools explored in this course include the use of digital technologies, recording equipment, editing methods, workflow and output requirements as well as the ideation of conceptual projects. Material fee: $40.00

ARTCR 32200 - Advanced Drawing
Continued experience in drawing with emphasis on drawing from life. Material Fee: $50

ARTCR 32600 - Advanced Printmaking
Advanced study of one or more printmaking methods. Individual exploration emphasized. May be taken twice for credit. Material Fee: $85

ARTCR 33600 - Advanced Painting
Continued experience in painting with possible concentration upon one medium and theme. Individual exploration emphasized. Material Fee: $100

prereq: ARTLA 20100
ARTCR 35200 - Advanced Sculpture
Continued experience in sculpture with possible concentration in one material. Individual exploration emphasized.
Material Fee: $70
prereq: ARTLA 20100

ARTCR 35700 - Advanced Ceramics
Continued experimentation in form, surface and techniques. Individual exploration emphasized.
Material Fee: $95
prereq: ARTLA 20100

ARTCR 36000 - Special Topics
Topics in studio art are announced prior to registration each term. One Special Topics course may be taken to meet concentration requirements in the 42 credit degree.
Material Fee: $50
prereq: ARTLA 20100

ARTCR 37200 - Advanced Photography
Techniques and aesthetics of black and white photography; self-expression and exploration; classroom critiques.
Material Fee: $75
prereq: ARTLA 20100

ARTCR 38200 - Digital Photography
Digital Photography as a means of personal expression. This course is designed to familiarize students with digital imaging capabilities and a critical awareness of how images in our culture are produced and constructed. The course will introduce and explore the aesthetic, historical, and conceptual layers embedded in digital images and their context, culminating in the student completing a portfolio of work by the end of the course, in which form, subject, and meaning are closely considered. Students will acquire the means to interpret, discuss and critique photographs. This course can be repeated once for credit.
Material fee: $100.00
prereq: ARTLA 20100 or (ARTLA 10100 and ARTCR 22100) and ARTCR 27100

ARTCR 39000 - Advanced New Genres
Continued experience in New Genres methods and tools in order to develop each student's unique process, with possible concentration in one approach and/or method. Individual exploration will be emphasized, as well as a greater mastery of equipment and programs. May be repeated once (i.e., taken twice).
Material fee: $40.00
prereq: ARTLA 20100, ARTCR 29000
4 hrs + 5 hrs open studio
3 cr.

ARTCR 40200 - Independent Study in Studio Art
prereq: ARTLA 20100
1 - 3 hrs
1 - 3 cr. per semester

ARTCR 40500 - Art and Current Ideas II
Lecture and discussion; a non-studio course. Topics of concern in art today as brought forth by current exhibitions. Scheduled trips to galleries and museums. Reading assignments, papers and oral reports focus on issues relative to the exhibitions.
prereq: ARTLA 20100
3 hrs
3 cr.

ARTCR 45900 - Professional Experience in Art I
BFA majors, seniors only. Not credited toward BA degree. Advance projects may include activities outside the college, as well as within the department.
Material Fee: $50
prereq: Admission into the BFA Program
4 hrs
6.5 cr.

ARTCR 46000 - Professional Experience in Art II
Continuation of ARTCR 45900.
Material Fee: $50
prereq: Admission into the BFA Program

ARTLA 20100 - Art Foundations: Seeing, Thinking, Making
This course is the prerequisite for all courses in all concentrations in the studio art major. In preparation for subsequent 20000- and advanced studio courses, ARTLA 20100 provides students with a fundamental crossdisciplinary vocabulary and introduces them to a variety of different media, concepts, and methodologies. In addition to studio assignments, reading and writing on art will be an integral component of the course.
Material fee: $25.00
4 hrs.
3 cr.

ARTLA 20200 - Art Foundations: Methods and Techniques
ARTLA 20200 is the second part of the foundation-year course requirement for 42-credit BA and BFA art majors. This class is open to any student who has taken ARTLA 20100 or the equivalent. The class will be taught by one instructor who will introduce the student to the fundamental skills of drawing, sculptural methods, new genres technologies, Museum/gallery visits, and written analysis of exhibitions will be assigned to help build an understanding of how skill and technique are implemented in the conceptual creation of art. This is a baseline course, and will facilitate learning as the student progresses to one of our study areas of Painting, Sculpture, New Genres, Ceramics, Drawing or Printmaking.
prereq: ARTLA 20100
4 (+ 5 hrs independent studio)
3 cr.
This advanced seminar is intended to offer students a frame of reference for making and thinking about art beyond the specific concerns of any given medium or the specific assignments that structure most undergraduate studio courses. The main purpose of this seminar is to help students develop their creative interests beyond assignment-based instruction to their own, entirely self-defined and motivated creative work. For this purpose, students choose to work in the medium or mediums that best further their ideas.
The program draws its faculty and course offerings from traditional disciplines such as history, sociology, anthropology, political science, education and literature, as well as interdisciplinary fields such as American ethnic studies; women, gender, and sexuality studies; postcolonial studies; international human rights; and policy studies. The AASP grounds its curriculum in the firm belief that a rigorous intersectional approach to Asian American studies necessitates an alliance of these areas and methods of study.

What can I do with my minor in Asian American Studies?

Graduates who minor in Asian American Studies enter careers including business, international trade and industry, teaching and academic research, diplomacy, development agencies and immigration and social service.

Programs and Courses

Programs and Courses in Asian American Studies

Administration and Faculty

Director:

Vivian Louie

(212) 772-4053
v1923@hunter.cuny.edu

Program Office:

1338 Hunter West

Web site: http://www.hunter.cuny.edu/aasp

Affiliated Faculty

Asian American Studies Faculty

Minor in Asian American Studies

The interdisciplinary Asian American Studies Minor provides students with focused competence in the histories and contemporary experiences of diverse Asian diasporic communities, including but not limited to those of North America. As one of only a few Asian American Studies programs in the tri-state area, the AASP offers its Minors a unique opportunity to gain the knowledge and skills necessary to make meaningful contributions to the city and nation's growing APA communities.

A Minor consists of a minimum of 12 credits and can be made up of any courses offered by or cross-listed with the Asian American Studies Program, excluding ASIAN 360.02 (East Asia to 1600) and ASIAN 360.03 (China since 1800). No more than 6 Minor credits may be transferred from another institution. Please note that a number of 300-level courses in Asian American Studies may be used to satisfy requirements in

ASIAN 21000 - Asians in the U.S.

Hunter Core

I&S H Pluralism and Diversity

Critical interdisciplinary examination of Asian American experiences of discrimination and exclusion in the context of domestic and foreign U.S. policies regarding immigration, labor, and national identity. Through an examination of historical, theoretical and cultural texts, the course also looks at the impact of the current expansion of Asian American communities on America's social, cultural, and political order.

Recommended for but not required of AASP Minors.

3 hrs 3 cr.
Critical examination of Asian American women's identity formations in relation to factors such as racial ideology, global migrations of labor and capital, class status, sexuality, military conflict, constructions of family, and language.

3 hrs 3 cr.

Critical examination of a cross-section of literature and film/video/performance by Arab American writers and artists in an interdisciplinary investigation of the historical and contemporary experiences of Arab Americans in the United States and western diaspora.

3 hrs 3 cr.

Close examination of literary, historical, and theoretical texts with a focus on the cultural production and social movements of South Asian women, with particular attention to how issues of race and nationalism are shaped and how they have overlapped with gender, class, sexuality, religion, and language.

3 hrs 3 cr.

Close examination of the historical and social contexts in which Philippine American literature has evolved, the diverse aesthetics and themes of individual writers, and analysis of how issues of Philippine American cultural production take up issues of gender, class, sexuality, religion, language, and national identity.

3 hrs 3 cr.

Critical exploration of the social construction of Asian American identity in various genres: video art, prose, poetry, memoir, performance, and film. The emphasis of the course is on intersectional analyses that critically examine how race, gender, class, and sexuality inform Asian American artists' decisions regarding form and genre.

3 hrs 3 cr.
This course emphasizes close reading of and analytical writing about writing by Asian American writers. ASIAN 221 develops students' critical and interpretive skills necessary for meaningful written and verbal responses to literature in the context of Asian American history and experience.

prereq: ENGL 12000
3 hrs
3 cr.

ASIAN 22500 - Asian American Art (W)
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
P&D B
Introduction to Asian American artistic production through a survey of Asian American art and theory, including critical examinations of Asian American identity formation; transnationalism; constructions of race, gender, sexuality, class; and alternative artistic strategies.

prereq: ENGL 12000
3 hrs
3 cr.

ASIAN 23001 - Globalization and Gender
Pluralism and Diversity
PD/B
3 hrs
3 cr.

ASIAN 23002 - Asian American Communities and Mental Health
Hunter Core
Individual and Society (Social Sciences) - I&S SS
Pluralism and Diversity
P
Introduction to psychological experiences of Asian Americans, including historical, sociopolitical, and cultural influences that shape personality and mental health. Specific topics include stereotypes and racism, processes of acculturation and enculturation, ethnic identity development, interracial relationships, stressors and social support systems within Asian American communities, and culturally competent mental health treatment and service delivery.

3 hrs
3 credits

ASIAN 29000 - Asian American Studies Internship
A semester-long course intended to give students practical experience participating in a local or national Asian American-serving organization. The objective of ASIAN 29000 is to train students to transform Asian American Studies scholarship into practice, and to realize the relevance of their classroom training in a broader social context. ASIAN 29000 will be required of students seeking a Certificate in Asian American Studies.

prereq: ENGL 12000, ASIAN 210 or equiv.
8-10
3 cr.
Critical examination of literary constructions of Asian American identity in relation to the U.S. nation-state, with particular emphasis placed upon juridical constructions of citizenship, community, and belonging.

3 hrs 3 cr.

ASIAN 32005 - Asian American Memoir

Close examination of memory as an imagined and contested site that complicates and challenges how we constitute self and other. Students will analyze constructions of identity through Asian American narratives, and their relation to language, form and experience, including immigration and gendered narratives to transnational categories of homeland and belonging.

3 hrs 3 cr.

ASIAN 32100 - Asian American Social Protest Literature

Deconstruction and examination of historical and contemporary Asian American literatures of social protest and resistance. Students utilize readings as a framework for initiating, planning, and executing semester-long community-based projects.

3 hrs 3 cr.

ASIAN 33001 - Chinese in the U.S.

ASIAN 33003 - South Asians in the U.S.

ASIAN 33008 - Muslim Diasporas

Pluralism and Diversity PD/B

Interdisciplinary course moving through the history of Islam and its expressions in many areas of the world (including Sufism), to the cultural identity, art, and literature of the Muslim Diaspora in the United States, their misrepresentations in the media, and fetishization by popular culture.

3 hrs 3 cr.

ASIAN 33052 - Oral History, Cultural Identity and the Arts

ASIAN 34001 - Asian Pacific American Media

Pluralism and Diversity PD/B

Addresses Asian Pacific American experiences of assimilation, displacement, marginalization, multiculturalism, and resistance to the cultural 'norm' within Asian Pacific communities through screening a wide range of films and videos and reviewing critical and fictional writing. Guest artists may also lecture.

3 hrs 3 cr.

ASIAN 34003 - West Asian American Literature and Film
This seminar explores the interconnected issues of race, class, and nationality through the study of the history of Asian immigrant labor in the U.S. in the context of American economic needs and political environment.

This interdisciplinary course examines the origins and processes of migration and settlement, past and present. Includes a series of lectures by leading scholars from a variety of academic fields and immigrant communities. Topics include: immigration and labor, race and gender, social and cultural identity, immigration policy and political action, and the trans-nationalization of education and family life.

An exploration of the issues, struggles, political organizing, and theory of lesbian, gay, bisexual, transgender (LGBT) Asian Americans, South Asians, Southeast Asians, and Pacific Islanders. Through readings of historical and modern texts, law and public policy, film and video, guest speakers, and field work, students will come to understand the intersection between LGBT identity and racial/ethnic identity.
The Department of Biological Sciences offers a single major for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. The major in Biological Sciences has the following concentrations: Biological Sciences: Basic concentration; Behavioral Neurobiology; Bioinformatics; and Biophysics. The Department stresses excellence in both teaching and research. Fully equipped research laboratories are supported by major federal grants and students are strongly encouraged to become involved in laboratory research. State-of-the-art flow cytometry and bioimaging facilities are housed within the department. They have been created and are funded by federal grants, New York State and the Center for Basic and Translational Research. The Center consists of faculty from the departments of Biological Sciences, Chemistry, Physics and Psychology working in the areas of biomolecular structure and function.

What can I do with my degree in Biological Sciences? The core curriculum in biological sciences prepares students for admission to both graduate and medical schools and for careers in the biological sciences, including teaching and the growing industry of biotechnology. The curriculum emphasizes cell biology, molecular biology, developmental biology, genetics and neurobiology as the foundation for future careers in fields related to the biological sciences. The Biology BA prepares students who are interested in applying to graduate school in the biological sciences or professional schools of medicine, dentistry, veterinary medicine and other health professions as well as students who are interested in careers in the rapidly growing field of biotechnology. In conjunction with the Hunter College School of Education, the Biology department offers opportunities for students to prepare for teaching careers in elementary and secondary schools.
Undergraduate Research Students who wish to undertake a research project under the supervision of a faculty member must first obtain written permission from that faculty member and then register for BIOL 48000. Research opportunities for undergraduates at Hunter are available in cell and molecular biology, developmental biology, neuroscience, cancer biology, AIDS, microbiology and a variety of other contemporary areas. In some cases students may be permitted to work at one of the several neighboring research institutions. Synopses of faculty research interests can be obtained in the department office or from the Department of Biological Sciences Website http://Biology.hunter.cuny.edu. In addition, there are summer research opportunities available at Cold Spring Harbor Laboratory and Woods Hole Research Center through the Howard Hughes Medical Institute. Please note that to qualify for departmental honors at graduation, there is a research requirement.

Honors

In order to qualify for departmental honors, students must have a departmental GPA of at least 3.5 and an overall GPA of at least 3.0. They must also satisfy a research requirement.

Administration and Faculty
Chair:
Derrick Brazill
803 Hunter North
(212) 650-3144
E-mail: brazill@genectr.hunter.cuny.edu

Department Office:
HN-927
(212) 772-5293
fax: (212) 772-5227

Hours of Operation: Monday–Friday 9:00 AM–5:00 PM

Faculty
Biological Sciences Faculty
HEGIS Codes: 0401 (BA); 0499 (BA/MA in Biotechnology)

Biological Sciences - BA
The Department of Biological Sciences offers a single major for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. Students planning to pursue a Biology major are strongly encouraged to declare their major as soon as possible after completing one semester of Principles of Biology.

Declared majors are assigned a permanent faculty adviser who will assist in individual curriculum planning. Students are required to meet with their adviser at least once each semester throughout their undergraduate career to discuss their program and progress.

Biology Concentrations
The major in Biological Sciences has the following concentrations:
• Biological Sciences: Basic concentration
• Behavioral Neurobiology
• Bioinformatics
• Biophysics

CR/NC Policy
Only a letter grade (A, B, C, D, including + or -) will be accepted by the department in the required science and mathematics courses for the biology major.
Opportunities for Undergraduate Research

Undergraduate Research Students who wish to undertake a research project under the supervision of a faculty member must first obtain written permission from that faculty member and then register for BIOL 48000. Research opportunities for undergraduates at Hunter are available in cell and molecular biology, developmental biology, neuroscience, cancer biology, AIDS, microbiology and a variety of other contemporary areas. Students are also permitted to work at one of the several neighboring research institutions. Synopses of faculty research interests can be obtained in the department office or from the Department of Biological Sciences Website http://Biology.hunter.cuny.edu. In addition, there are summer research opportunities available at Cold Spring Harbor Laboratory and Woods Hole Research Center through the Howard Hughes Medical Institute. Please note that, to qualify for departmental honors at graduation, there is a research requirement.

Honors Work

In order to qualify for departmental honors, students must have a departmental GPA of at least 3.5 and an overall GPA of at least 3.0. They must also satisfy a research requirement consisting of either, choose one (a) or (b):

(a) at least 2 research credits of BIOL 48000 - Introduction to Experimental Biology

GER 3/B Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.

prereq: BIOL 10000 and 10200, Departmental permission prior to registration.
hrs TBA 1-2 cr. per sem.

BIOL 48100 - Introduction to Experimental Biology

GER 3/B Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.

prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
hrs TBA 1-2 credits per semester

BIOL 48200 - Introduction to Experimental biology

GER 3/B Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.

prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.
hrs TBA 1-2 credits per semester

BIOL 48300 - Introduction to Experimental Biology

GER 3/B Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.
prereq:

BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.

hrs TBA

1 - 2 cr. per sem.

(b) at least one course chosen from among

BIOL 39000 - Laboratory in Cell Structure

GER 3/B Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.

prereq or coreq:

BIOL 30000 or BIOL 20200 and perm instr.

7 hrs (2 lecture, 5 lab)

4.5 cr.

fall only

BIOL 39100 - Laboratory in Cell Structure

-- Biological Electron Microscopy

The students will learn basic concepts of transmission electron microscope, principles of biological sample preparation for transmission electron microscopy, various electron microscopy applications, to be familiar with the morphology of different organelles inside the mammalian cell, and understand the functions of each organelle.

Lab projects involve: (1) perfusion fixation of mouse tissues; (2) routine transmission electron microscopy sample preparation; (3) techniques and tools used for microtomy; (4) transmission electron microscope alignment; and (5) imaging various cellular ultrastructures using a transmission electron microscope.

prereq or coreq:

Instructor Permission

7 hrs.

4 cr.

spring only

Additional Information

The research requirement includes a written report resulting from work in any of these courses.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

MA Program in Biological Sciences

See Career Planning - Graduate Study.

Biological Sciences: Basic concentration - BA

Return to: Biological Sciences - BA

The basic major is for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology and industry. Students planning to pursue the biology major are strongly encouraged to declare their major as soon as possible. Declared majors are assigned a permanent faculty advisor who will assist in individual curriculum planning. Students are required to meet with their advisor at least
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Biology major: Basic Concentration, the courses that meet CCCR are:

- **BIOL 10000 (STEM)** - Principles of Biology I
  - Hunter Core Life and Physical Sciences (LPS); Scientific World (SW); Pluralism and Diversity PD/C or D GER 2/E
  - The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
  - Material Fee: $5
  - PD credit awarded only upon completion of BIOL 10000 and 10200.
  - Prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
  - 7 hrs (3 lec, 3 lab, 1 disc)
  - 4.5 cr.
  - Spring only

- **BIOL 10200 (STEM)** - Principles of Biology II
  - Hunter Core Scientific World (SW); Life and Physical Sciences (LPS); Pluralism and Diversity PD/C or D GER 2/E
  - Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
  - Material Fee: $5
  - PD credit awarded only upon completion of BIOL 10000 and 10200.
  - Prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
  - 7 hrs (3 lec, 3 lab, 1 disc)
  - 4.5 cr.
  - Fall only

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Major (67–83 credits)**

This major consists of 9 credits of introductory biology (BIOL 10000 (STEM) – BIOL 10200 (STEM)) and a 24.5-credit concentration in biology at the 20000-level and higher. The biology concentration consists of a 13.5-credit core — BIOL 20300, BIOL 30000, BIOL 30300 — and 11 credits of electives. Together, introductory biology and the concentration (33.5 credits) satisfy the major requirement for certification as a teacher of biology in grades 7–12. Additional science and math requirements for Major I are listed below.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

**Math Sequence (3–17 credits)**

- **MATH 10100** - Algebra for College Students
Exponential functions and their graphs.
Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Karyotic genetic concepts as well as provide basics in recombinant DNA technology.
Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

- Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

- Cell Biology: This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry, providing an integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units: 1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems). 2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth: the process of tumorigenesis. 3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology. 4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and
CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core: Life and Physical Sciences (LPS); Scientific World (SW); Pluralism and Diversity

GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent to one year of general chemistry laboratory.

Prereq: CHEM 10200

Coreq: CHEM M 10400

6 hrs 3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Prereq: CHEM 10400 with a grade of C or better

5 - 6 hrs (4 lec, 1 - 2 recitation/workshop)

4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

Various organic syntheses, distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register

Prereq or Coreq: CHEM 22204 or CHEM 22206

3 hrs 2.5 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

Prereq: CHEM 22200 with a grade of C or better

5 - 6 hrs (4 lec, 1 - 2 recitation/workshop)

4 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
The concentration in Behavioral Neurobiology within the Department of Biological Sciences, one of the options for Major I, has the following required courses and schedule.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

**Prerequisites and Corequisites**

- MATH 12400 or 12500 or 12550 or 15000 or 15500
- PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

- Prereq or coreq: coreq (with perm dept.): MATH 15000

8 hrs (4 lec, 3 lab, 1 rec)

5.5 cr.

These courses may be counted for credit in more than one program.

**Electives (11 credits)**

Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, BIOL 12000, 12200, and 23000. Please read the course descriptions carefully to identify those courses. If you have any questions about which can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Pre- and introductory biology and the concentration (64.5 credits) satisfy the major requirement for certification as a teacher of biology in grades 7-12.

Students are urged to take advantage of the summer session, during which these chemistry courses are usually offered.

Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits can also be obtained from BIOL 61000. Together, introductory biology and the concentration (64.5 credits) satisfy the major requirement for certification as a teacher of biology in grades 7-12.

Laboratory research credits are taken as BIO 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course.
Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

**Courses Required for the Major (72.5 - 90.5 credits)**

**Math Sequence (0 - 13 credits)**

**MATH 10100**
- Algebra for College Students
- Topics in algebra, graphing and functions
  - Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
- Prereq: appropriate score on placement exam or exit from appropriate departmental workshop
- 4 hrs (2 lec, 2 lab)
- 3 cr.

**MATH 10150**
- Mastery of Symbolic Computation
- This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.
- Prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
- 2 hrs
- 1 cr.

**MATH 12400 (STEM)**
- College Algebra and Trigonometry
- Hunter Core Math/Quantitative Reasoning (MQR)
- This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
- Note: This course is equivalent to MATH12500 for grade replacement purposes.
- Prereq: MATH 10100/101EN or the appropriate score on the Mathematics placement test.
- Not open to students who have taken MATH 12500 or MATH 12550.
- 4 hrs
- 4 cr.

**MATH 14000**
- Mathematical Reasoning Workshop
- This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.
- Prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
- 2 hrs
- 1 cr.

**MATH 15000 (STEM)**
- Calculus I
- Hunter Core Math/Quantitative Reasoning GER 1/B
- Exponential functions and their graphs.
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

Prereq: MATH 12550 with a grade of B-or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

Other Required Courses (63.5-64.5 credits)

BIOL 10000 (STEM)
Principles of Biology I
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D GER 2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

Prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
Spring only

BIOL 10200 (STEM)
Principles of Biology II
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
Pluralism and Diversity
PD/C or D GER 2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

Prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
Fall only

BIOL 20300
Molecular Biology and Genetics
This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Karyotic genetic concepts as well as provide basics in recombinant DNA technology.

Prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)
Coreq: CHEM 22200, 22300 or perm instr.
7 hrs
Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:
Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity

GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200

coreq: CHEM 10400

6 hrs
3 cr.

CHEM 22200 - Organic Chemistry

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22400 - Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

GER

2/E

First semester of two-semester introductory physics course using algebra.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500

7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
individual differences, intelligence, personality, behavior disorders and their treatment, group processes.
Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

**Electives**

9 credits, 6 of which must be PSYCH

**PSYCH 30100**

- **Sensation and Perception**

  GER 3/B

  Methods, theories and empirical data relating to stimulus detection, encoding and perception as a function of variables including current stimuli and past history.

  **prereq:** ENGL 12000, PSYCH 24900 or 25000, PSYCH 22400

  3 hrs

  3 cr.

**PSYCH 30900**

- **Behavioral Neuroendocrinology**

  GER 3/B

  An overview of how behavior is influenced by differential hormone action and how hormones influence the development and expression of sexually dimorphic behaviors. While a biology background is not required, this course will be a biology-based discussion of behavioral endocrinology.

  **prereq:** ENGL 12000, PSYCH 24900 or 25000 and PSYCH 22400

  3 hrs

  3 cr.

**PSYCH 32700**

- **Motivation and Emotion**

  GER 3/B

  The question of how behavior is initiated, maintained, directed and terminated. Human and non-human research evaluated.

  **prereq:** ENGL 12000, PSYCH 24900 or 25000; and PSYCH 22400

  3 hrs

  3 cr.

**PSYCH 36900**

- **Behavioral Pharmacology**

  GER 3/B

  This course will provide information on the interrelationship of pharmacology and behavior. The relationship of licit, illicit and therapeutic drugs and their use and abuse will be explored in the context of their historical use and biological effects. Topics discussed include an overview of the nervous system, basic psychopharmacology, drug classification and specific drugs such as alcohol, nicotine, narcotics, marijuana, and
Course shall explore how developing neurons seek out targets and establish synapses.
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Courses Required for the Major (66-86 credits)

Math Sequence (0-17 credits)

MATH 10100 - Algebra for College Students
Topics in algebra, graphing and functions
Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation
This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry
Hunter Core Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN - or - the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I
Hunter Core Math/Quantitative Reasoning
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq:
MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs 4 cr.

MATH 15500 (STEM) - Calculus II

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs 4 cr.

Other Required Courses (58-60 credits)

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs 3 cr.

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity PD/C or D

GER 2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

spring only
Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Prokaryotic genetic concepts as well as provide basics in recombinant DNA technology.

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for premed, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400

6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5 - 6 hrs (4 lec, 1 - 2 recitation/workshop)
4 cr.

CHEM 22400 - Organic Chemistry Lecture II
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better

4 cr.

CSCI 13200 - Practical UNIX and Programming, with Lab

GER 2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.

This course cannot be counted towards the CSCI major.

prereq: none

3 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER 3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

prereq: CSCI 12700 or CSCI 13200

3 hrs

3 cr.

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

GER 2/E

First semester of two-semester introductory physics course using algebra.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500

7 hrs (3 lec, 3 lab, 1 rec)

4.5 cr.

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

GER 2/E

an emphasis on skills acquisition.
Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra. 

**Prerequisites:**
- **PHYS 11000 or 11100**

**Course Details:**
- 7 hrs (3 lec, 3 lab, 1 rec)
- 4.5 cr.

*These courses may be counted for credit in more than one program.*

**BIOL 10200 (STEM)**
- Prerequisite is waived

**Electives (8-9 credits)**

- **ANTHP 30200**
  - Human Genetics
  - Analysis of distribution of contemporary human populations and microevolutionary processes that underlie human variability.
  - **Prerequisites:** ANTHP 10100 or ANTHP 10200 or BIOL 10200 or ANTHP 10500
  - 3 hrs
  - 3 cr.

- **CHEM 33300**
  - Computational Drug Discovery
  - Computational exercises and literature analyses of drug-macromolecule interactions, computer-assisted drug design, metabolic engineering, and personalized medicine.
  - **Prerequisites:** CHEM 37600 or BIOL 30000 or permission of the instructor
  - 3 hrs
  - 3 cr.

- **STAT 31900**
  - Bayesian Statistical Inference in the Sciences
  - **GER 3/B**
  - **Prerequisites:** MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor). Prerequisites waived for students who have passed STAT 311.
  - Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.
  - 3 hrs
  - 3 cr.

- **BIOL 37500**
  - Molecular Evolution
  - **GER 3/B**
  - An overview of the various methods and kinds of data used in systematics, the study of organism diversity and biological relationships. Emphasis is on modern molecular and genetic approaches to identification of individual species and strains and full phylogenetic analyses of suites of species to determine their evolutionary history. The knowledge base is provided for experimental investigation of questions of current interest.
  - **Prerequisites:** BIOL 30000 or permission of instructor.
  - 3 hrs
  - 3 cr.

- **BIOL 47000**
  - Special Topics in Biology
  - **GER 3/B**
Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

prereq: BIOL 30000

2 hrs (lec)
2 cr. per sem.

*Special Topics course BIOL 47083 Bioinformatics Workshop, 3 cr.

BIOL 47100 - Special Topics in Biology

GER 3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

prereq: BIOL 30000

3 hrs (lec)
3 cr. per sem.

* Topics courses BIOL 47119 Biomedical Genomics I, 3 cr., BIOL 47120 Biomedical Genomics II, 3 cr., BIOL 47105 Python Programming for Bioinformatics

BIOL 48000 - Introduction to Experimental Biology

GER 3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.

prereq: BIOL 10000 and 10200, Departmental permission prior to registration.

hrs TBA
1 - 2 cr. per sem.

*These courses may be counted for credit in more than one program.

**BIOL 10200 prerequisite is waived

Degree Map for Biological Sciences: Bioinformatics BA

Biological Sciences: Concentration in Biophysics - BA

Return to: Biological Sciences - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective
Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Courses Required for the Major (68.5 - 88 credits)

Math Sequence (5 - 18 credits)

MATH 10100 - Algebra for College Students
Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workship
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation
This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry
Hunter Core Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.
prereq: MATH 10100/101EN or the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**Prerequisite:**
MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

**Credit:**
2 hrs, 1 cr.

**MATH 15000 (STEM) - Calculus I**

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**Prerequisite:**
MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

**Credit:**
4 hrs, 4 cr.

**MATH 15500 (STEM) - Calculus II**

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

**Prerequisite:**
Grade of C or better in MATH 15000

**Credit:**
4 hrs, 4 cr.

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**Prerequisite or Corequisite:**
MATH 15000

**Credit:**
2 hrs, 1 cr.

**Other Required Courses (64.5-67 credits)**

**BIOL 10000 (STEM) - Principles of Biology I**

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

spring only

BIOL 10200 (STEM)

Principles of Biology II

Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity

PD/C or D

GER 2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only

BIOL 30000

Biological Chemistry

GER 3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10

prereq: Open only for majors.

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only

CHEM 10200 (STEM)

General Chemistry I

Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)

GER 2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
CHEM 10400
(STEM) - General Chemistry II

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400

6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22400 - Organic Chemistry Lecture II

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.
PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)
GER 2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

prereq or coreq: coreq (with perm dept.): MATH 15000

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

prereq: PHYS 11000 or 11100

prereq or coreq: (with perm dept.): MATH 15500

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

PHYS 33000 - Atomic and Nuclear Physics

Examines experimental evidence and develops modern view of structure of atom and nucleus.

prereq: PHYS 12000 or 12100

prereq or coreq: MATH 25000

4 hrs
4 cr.

PHYS 33600 - Thermodynamics and Statistical Mechanics

Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws.

prereq: PHYS 12000 or 12100; MATH 25000

4 hrs
4 cr.

PHYS 42000 - Introduction to Biophysics

A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of molecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.

prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.

4 hrs
4 cr.
Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multi-channel 3D rendering, image processing and visualization software.

prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr.
fall only

BIOL 47000 - Special Topics in Biology
Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.
prereq: BIOL 30000
2 hrs (lec)
2 cr. per sem.

MATH 25400 - Ordinary Differential Equations
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
prereq: MATH 25000
3 hrs
3 cr.

* Note: These courses may be counted for credit in more than one program.

Degree Map for Biological Sciences: Biophysics BA

Degree Map for Biological Sciences: Behavioral Neurobiology BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan and the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.
Fall

- CHEM 10200 (STEM) General Chemistry I
- MATH 12550 (STEM) Precalculus with Workshop
- ENGL 12000 Expository Writing
- Foreign Language Requirement
  - Elementary Level 1
- Individual and Society (Social Sciences) I&S SS

Spring

- BIOL 10000 (STEM) Principles of Biology I
- CHEM 10400 (STEM) General Chemistry II
- CHEM 10600 (STEM) General Chemistry Laboratory
- ENGL 22000 Introduction to Writing about Literature (W)
- FOREIGN LANGUAGE Elementary Level 2

Sophomore Year

Fall

- BIOL 10200 (STEM) Principles of Biology II
- CHEM 22200 Organic Chemistry Lecture I
- PSYCH 10000 Introduction to Psychology
- FOREIGN LANGUAGE Intermediate Level 3

Spring

- BIOL 20300 Molecular Biology and Genetics
- CHEM 22400 Organic Chemistry Lecture II
- MATH 15000 (STEM) Calculus I
  - or
  - MATH 15200 (STEM) Calculus for Life and Social Sciences
- Foreign Language Requirement
  - Intermediate Level 4

Junior Year

Fall

- BIOL 30000 Biological Chemistry
- PHYS 11000 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound
  - or
  - PHYS 11100 (STEM) General Physics: Introductory Course in Mechanics, Heat, and Sound
- PSYCH 24800 Statistical Methods in Psychological Research
- ELECTIVE

Spring
BIOL 30300 Cell Biology

PHYS 12000 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

or

PHYS 12100 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

PSYCH 25000 Experimental Psychology: General

Individual and Society (Humanities) I&S H

Senior Year

Fall

Major ELECTIVE

Major ELECTIVE

Creative Expression (CE)

US Experience in Its Diversity (USED)

World Cultures & Global Issues (WCGI)

Spring

Major ELECTIVE

BIOL 47000/BIOL 47100 Seminar

ELECTIVE

ELECTIVE

ELECTIVE (if needed)

Notes:

Students who do not place into MATH 12550 should begin with MATH 10100 Algebra.

The sequence is as follows – MATH 10100 – MATH 12550.

Map is shifted by one semester and still allows for completion of the major in 4 years.

BIOL 10000 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

Students interested in completing Honors work during their senior year should consult an adviser prior to selecting Biology 300/400 level electives.

BIOL 10000 and 10200 may satisfy Pluralism & Diversity – either Group C or Group D, only if both courses are taken at Hunter.

Degree Map for Biological Sciences: Bioinformatics BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year
CHEM 10200 (STEM) General Chemistry I

MATH 12550 (STEM) Precalculus with Workshop

ENGL 12000 Expository Writing

FOREIGN LANGUAGE Elementary Level 1

Individual and Society (Social Sciences) I&S SS

Spring
BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity

PD/C or D

GER 2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.
spring only

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)

4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity

GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200
GER 2/A  
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq:
ENGL 12000
3 hrs + one additional conference hour
3 cr.

FOREIGN LANGUAGE Elementary Level 2

Sophomore Year

CHEM 22200  
Organic Chemistry Lecture I  
GER 3/B  
Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq:
CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

STAT 21300 (STEM)  
Introduction to Applied Statistics

Hunter Core  
Math/Quantitative Reasoning

GER 1/B  
Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq:
MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

MATH 15000 (STEM)  
Calculus I

Hunter Core  
Math/Quantitative Reasoning

GER 1/B
This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Karyotic genetic concepts as well as provide basics in recombinant DNA technology.
Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq:

Material Fee: $10

Open only for majors.

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only
This Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing an integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units:

1. Introduction: Cell morphology and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis.
2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and deregulation of cell growth, the process of tumorigenesis.
4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking.
5. Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

prereq: Advisor permission; BIOL 30000 or instructor permission

7 hrs
4.5 cr.
spring only

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.
or PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core Scientific World (SW); Life and Physical Sciences (LPS)
GER 2/E Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.
prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER 3/B An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.
Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.
prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

• Individual and Society (Humanities) I&S H Senior Year
Fall

- Creative Expression (CE)
- US Experience in Its Diversity (USED)
- World Cultures & Global Issues (WCGI)
- ELECTIVE (if needed)

Spring

- BIOL 42500 Computational Molecular Biology
- Major elective
- Major elective
- ELECTIVE
- ELECTIVE (if needed)

Notes:

Students who do not place into MATH 12550 should begin with MATH 10100 Algebra.

The sequence is as follows

- MATH 10100
- MATH 12550
- MATH 15000
- MATH 15500. If you begin with MATH 10100, the DegreeMap is shifted by one semester and still allows for completion of the major in 4 years.

BIOL 10000 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

Students interested in completing Honors work during their senior year should consult an adviser prior to selecting Biology 300/400 level electives.

BIOL 100 and 102 may satisfy Pluralism & Diversity - either Group C or Group D, only if both courses are taken at Hunter.

A total of 8 elective credits are required for Biology/Bioinformatics:

- BIOL 41719 (Biomedical Genomics I, Fall) or BIOL 47120 (Biomedical Genomics II, Spring): one of the two is required; count towards Biology 470/471 requirement
- BIOL 37500 (Molecular Evolution, Fall), CHEM 33300 (Computational Drug Discovery, Spring), STAT 31900 (Bayesian Inference, Fall): one is required; count towards Biology lecture elective requirement
- BIOL 47105 (Python Programming for Bioinformatics; not regularly offered), BIOL 47083 (Bioinformatics Workshop; not regularly offered)
- BIOL48002 (Introduction to Experimental Biology; 2 cr): requires a faculty sponsorship; count towards research requirements for Biology honors.

Degree Map for Biological Sciences: Biophysics BA

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Biology major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)

4 cr.

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500.

5 hrs (4 hrs lecture, 1 hr recitation)

4 cr.

ENGL 12000 - Expository Writing

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

3 hrs + conf

3 cr.

FOREIGN LANGUAGE Elementary Level 1

Individual and Society (Social Sciences) I&S SS

Spring

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity

PD/C or D

GER 2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)
In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium. Primarily for premed, medical laboratory sciences and science majors. 

prereq: CHEM 10200 with grade of C or better

CHEM 10600 (STEM) - General Chemistry Laboratory

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400

ENGL 22000 - Introduction to Writing about Literature (W)

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

• FOREIGN LANGUAGE Elementary Level 2

Sophomore Year Fall

BIOL 10200 (STEM) - Principles of Biology II
Pluralism and Diversity

PD/C or D

GER

2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

4.5 cr.

fall only

CHEM 22200 - Organic Chemistry Lecture I

GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core

Math/Quantitative Reasoning

GER

GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs

4 cr.

FOREIGN LANGUAGE Intermediate Level 3

Spring

CHEM 22400 - Organic Chemistry Lecture II

GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs 4 cr.

FOREIGN LANGUAGE Intermediate Level 4

ELECTIVE

Junior Year

Fall

BIOL 30000 - Biological Chemistry

GER 3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10

prereq: Open only for majors.

7 hrs (3 lec, 3 lab, 1 disc) 4.5 cr.

fall only

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core Scientific World (SW) Life and Physical Sciences (LPS)

GER 2/E

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

prereq or coreq: coreq (with perm dept.): MATH 15000

8 hrs (4 lec, 3 lab, 1 rec) 5.5 cr.

MATH 25000 - Calculus III

GER 3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.
Spring
• PHYS 12100 (STEM) General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics
• Individual and Society (Humanities) I&S H
• ELECTIVE
• ELECTIVE
Senior Year
Fall
• PHYS 33000 Atomic and Nuclear Physics
• Creative Expression (CE)
• US Experience in Its Diversity (USED)
• World Cultures & Global Issues (WCGI)
• Major ELECTIVE
Spring
PHYS 33600 - Thermodynamics and Statistical Mechanics
Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws.
prereq: PHYS 12000 or 12100; MATH 25000
4 hrs
4 cr.
PHYS 42000 - Introduction to Biophysics
A comprehensive introduction to the interface between physics and biology and the application of the techniques of physics to understanding biological systems, focusing on developing an understanding of the thermodynamics of living systems, on the physical kinematics of molecules and other biological structures and on the theory of physical techniques that are used in the study of biological systems.
prereq or coreq: PHYS 33000, PHYS 33600, BIOL 30000, CHEM 37600.
4 hrs
4 cr.
• Major ELECTIVE
• ELECTIVE
Notes:
Students who do not place into MATH 12550 should begin with MATH 101 Algebra. The sequence is as follows – MATH 10100 – MATH 12500 – MATH 15000 – MATH 15500. If you begin with MATH 10100, the Degree Map is shifted by one semester and still allows for completion of the major in 4 years.

BIOL 10000 is offered during the spring and summer semesters only. To complete the degree in four years, students who are unable to complete the course in the spring semester of freshman year should enroll in the summer course.

Students interested in completing Honors work during their senior year should consult an adviser prior to selecting Biology 30000/400 level electives.
The degree map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic path selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall

CHEM 10200 (STEM) - General Chemistry I
- Hunter Core: Scientific World (SW); Life and Physical Sciences (LPS)
- GER 2/E: In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.
- Prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
- 5 hrs (4 lec, 1 rec)
- 4 cr.

MATH 12500 (STEM) - Precalculus
- Hunter Core: Math/Quantitative Reasoning
- GER 1/B: Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
- Prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
- 4 hrs
- 4 cr.

ENGL 12000 - Expository Writing
- Hunter Core: English Comp (EC)
- GER 1/A: Required of all students unless exempt
- This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
- Prereq: successful completion of developmental courses, if required
- 3 hrs + conf
- 3 cr.

• Foreign Language Elementary Level 1
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr. spring only

CHEM 10400 (STEM)

- General Chemistry II

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)

4 cr.

CHEM 10600 (STEM)

- General Chemistry Laboratory

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400

6 hrs

3 cr.

ENGL 22000

- Introduction to Writing about Literature (W)
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour

3 cr.

• Foreign Language Elementary Level 2

Sophomore Year

Fall

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)

Pluralism and Diversity

PD/C or D

GER

2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

fall only

CHEM 22200 - Organic Chemistry Lecture I

GER

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5

6 hrs (4 lec, 1 recitation/workshop)

4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER

3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems.

karyotic genetic concepts as well as provide basics in recombinant DNA technology.
Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: preq: BIOL 20300 and coreq:
4.5 cr

PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER

2/E

Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.
prereq: PHYS 11000 or 11100

7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

- 300/400 level electives
- Individual and Society/ Humanities
- Senior Year
- Fall
  - 300/400 level BIOL electives
  - Creative Expression
  - US Experience in Its Diversity
  - World Cultures & Global Issues
  - Elective (If needed)

- Spring
  - 300 and 400 level BIOL electives
  - Elective
  - Elective
  - Elective
  - Elective (If needed)

Degree Map for Chemistry Major I

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Chemistry major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall
CHEM 10200 (STEM) - General Chemistry I
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

Prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)
4 cr.

MATH 15000 (STEM) - Calculus I

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

Prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

ENGL 12000 - Expository Writing

Hunter Core Math/Quantitative Reasoning

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

Prereq: Successful completion of developmental courses, if required

3 hrs + conf
3 cr.

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

Hunter Core Scientific World (SW) Life and Physical Sciences (LPS)

For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

Prereq or coreq: Coreq (with perm dept.): MATH 15000

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

Spring

MATH 15500 (STEM) - Calculus II
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs
4 cr.

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec)
4 cr.

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400

6 hrs
3 cr.

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept): MATH 15500

8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.
Fall

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core English Comp (EC)

GER 2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour

3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER G 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better

5-6 hrs (4 lec, 1-2 recitation/workshop)

4 cr.

CHEM 22300 - Organic Chemistry Laboratory I

GER 3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.

Note: Students must register for CHEM 22300 and CHEM 22301 simultaneously.

Note: Students must register

prereq: CHEM 10400 OR CHEM 10600 OR CHEM 11200

coreq: CHEM 22301

prereq or coreq: CHEM 22204 OR CHEM 22206

3 hrs

2.5 cr.

CHEM 24900 - Quantitative Analysis

GER 3/B

A set of laboratory experiments, performed by individual students, covering important areas of quantitative analysis such as pH and metal ion titrations, spectroscopic analysis including gas chromatography, electronic absorption, and fluorescence.

prereq: CHEM 10400 with grade of C or better, 10500

5 hrs (3 lab, 2 rec)

3 cr.
MATH 25000 - Calculus III

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600

4 hrs 4 cr.

Spring

CHEM 22400 - Organic Chemistry Lecture II

GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 22200 with a grade of C or better

5 - 6 hrs (4 lec, 1 - 2 recitation/workshop)

4 cr.

CHEM 22500 - Organic Chemistry Laboratory I

GER 3/B

Continuation of CHEM 22300.

prereq: CHEM 22300

prereq or coreq: CHEM 22400

4 hrs 2.5 cr

MATH 25400 - Ordinary Differential Equations

GER 3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

prereq: MATH 25000

3 hrs 3 cr.

CHEM 29101 - Chemical Investigations

Pluralism and Diversity

GER 3/B

This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member. The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.
In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000.

Course is repeatable

prereq: Department Consent Required

4 hrs 1 cr.

• US Experience in Its Diversity
• Foreign Language Elementary Level 1

Junior Year
Fall

CHEM 35200 - Physical Chemistry I

GER 3/B

Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

prereq: CHEM 24900 and MATH 25000 and PHYS 12100 all with a grade of C or better

3 hrs 3 cr.

offered fall

CHEM 35500 - Physical Chemistry Laboratory I

GER 3/B

Laboratory course involving experiments based on topics covered in CHEM 35200 on chemical systems.

prereq: CHEM 24900
prereq or coreq: CHEM 35200

3 hrs 1.5 cr.

offered fall

CHEM 36600 - Inorganic Chemistry

GER 3/B

Treatment of structure, bonding and reactivity of inorganic compounds.

prereq: CHEM 35200 with grade of C or better

3 hrs 3 cr.

offered fall
Selected topics from quantum chemistry, molecular structure, and spectroscopy.

prereq: PHYS 12100, CHEM 24900, MATH 25000 all with grade of C or better

3 hrs

3 cr.

offered spring

Laboratory course involving experiments based on topics covered in CHEM 35600 on chemical systems.

prereq: CHEM 24900 or perm chair
prereq or coreq: CHEM 35600

3 hrs

1.5 cr.

offered spring

This course is designed to expose an undergraduate student to the multiple facets of chemistry laboratory research available at Hunter College under the supervision of a chemistry faculty member.

The purpose of this course is to introduce students to the field of laboratory research which will include experimental manipulation, handling instrumentation, the development of hypotheses and research questions, showing proficiency in scientific research, as well as in data collection and analysis.

In order to register for this course, students must have completed CHEM 22400, CHEM 22300, and CHEM 29000.

Course is repeatable

prereq: CHEM 22400, perm chair

8 hrs

2 cr.

Senior Year

Fall

Biochemistry I

GER

3/B
Chemical aspects of protein structure and function, fundamentals of bioenergetics, biochemical mechanisms of gene replication.

prereq:
CHEM 22404 with a grade of C or better OR CHEM 22406 with a grade of C or better

4 hrs (3 lec, 1 rec)
3 cr.

Creative Expression
Foreign Language Intermediate Level 4

CHEM 32200 - Organic Chemistry Lecture III

GER 3/B

Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.

prereq:
Chem 22404 with a grade of C or better OR Chem 22406 with a grade of C or better

3 hrs
3 cr.
offered fall
Spring

CHEM 34900 - Instrumental Analysis

Pluralism and Diversity
GER 3/B

Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

prereq:
CHEM 35400 or 35600 with grade of C or better with 35500

8 hrs (2 lec, 6 lab)
5 cr
offered spring

World Cultures & Global Issues
Individual and Society/ Humanities

• Elective (If needed)
• Elective (If needed)

Notes:
Students who place below MATH 15000:
please note the following Math sequence:
MATH 10100 – MATH 12400, MATH 12500 or MATH 12550 – MATH 150. If you start with MATH 12500 Precalculus or MATH 12550 or MAT 12400, the degree map is shifted by one semester and still allows for completion of the major in 4 years.

*CHEM 11100 and CHEM 11200 are sequence options in place of CHEM 10200, CHEM 10400 and CHEM 10600
If taking CHEM 11100, this is a special honors cou

In Junior and senior year, a 300-level chemistry course must be taken.
CHEM 32200 is recommended elective but CHEM 37700 can also be taken. All electives require departmental permission.

BA/MA in Biological Sciences and Adolescent Education: Biology

This is an accelerated program leading to a BA in Biological Sciences and an MA in Adolescent Education: Biology. Undergraduates admitted to the program start graduate courses during their senior year and will be able to complete the MA degree one year after they complete the requirements for the BA degree. Interested students should contact a Biology Department adviser early in their undergraduate career.

Biological Sciences with Specialization in Biotechnology

This five-year program, qualified biology majors begin graduate work as seniors and receive the MA one year after completing BA requirements. Students are provided with theoretical knowledge and skills in molecular biology and a foundation for application of these skills in careers in the biotechnology and pharmaceutical industries, academic research, or public health. Successful completion of the biotechnology workshop (BIOL 61000, see graduate catalog), an essential program component, entitles students to a summer internship in an industrial or private research laboratory. Interested biology majors should contact a departmental adviser as early as possible.

Biological Sciences: Basic concentration

BA Biology with Specialization in Biotechnology - MA

Minor in Biological Sciences

The minor in Biological Sciences gives students a basic understanding of biology from the molecular and cellular to the organismal and population level. This includes both theoretical aspects presented in lecture as well as practical aspects presented in lab. Flexibility is built into the minor to allow students to select courses corresponding to their interests.

In order to minor in Biological Sciences, a student must pass four courses resulting in a minor GPA of 2.0 or higher.

All students who want a Minor in Biological Sciences must take:

- BIOL 10000 (STEM) - Principles of Biology I and BIOL 10200 (STEM) - Principles of Biology II or BIOL 10000 (STEM) - Principles of Biology I and BIOL 16000 - Honors Principles of Biology II or the equivalent
- two additional courses in Biological Sciences, one of which must be at the 200 level or higher

Number of Credits:

A minimum of 12 credits.

Transfer credits may be applied. At least 2 courses must be taken at Hunter College.

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core

Life and Physical Sciences (LPS); Scientific World (SW); Pluralism and Diversity (PD/C) or Diversity (D) GER 2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

Prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr. spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core

Scientific World (SW); Life and Physical Sciences (LPS)
requires familiarity with concepts in both biology and computer science. Genome information is revolutionizing virtually all aspects of biology and both the benefits and challenges (e.g., ethical and legal) of the genomic revolution to society.

Topics that are covered, students will learn how biological evidence like fingerprints and DNA is collected, analyzed, and presented as evidence to
BIOL 12500 (STEM) - Human Biology

An introductory lecture/laboratory course for non-biology majors. BIOL 12500 explores the biology that underlies current health and disease topics (including diabetes, cancer, heart disease, sexually transmitted diseases, and nutrition). Using this topics approach, the course provides a survey of human anatomy and physiological function, along with the biological principles of genetics and cellular interactions that comprise our current understanding of the human organism. Laboratory exercises will introduce students to a scientific approach in studying human disease and physiology.

6 hrs 4.5 cr. spring only

BIOL 15000 (STEM) - CSI: HUNTER (Forensic Biology)

An introductory laboratory course for non-biology majors. This lecture/laboratory course will cover the techniques used by forensic scientists to analyze a crime scene, and the biological concepts behind them. Through the topics that are covered, students will learn how biological evidence like fingerprints, hair, blood, and DNA are collected, analyzed, and presented as evidence to solve crimes. This assignment helps students prepare for a "crime scene" that will be designed by the group using the topics and materials provided in class. The completion of their laboratory manual will constitute part of the laboratory grade.

6 hrs 4.5 cr. fall only

BIOL 16000 - Honors Principles of Biology II

Physiological systems and their regulation: internal transport, hormones and gas exchange in plants and animals; osmoregulation; motility; nervous, neuroendocrine, immunological and sensory systems; behavior, reproduction and ecology. Students will read reviews of current research in addition to the required text. Guest speakers and class presentations. Enrollment limited. Core credit awarded only if BIOL 10000 and 16000 are both completed. PD credit awarded only upon completion of BIOL 10000 and 16000.

prereq: grade of B or better in BIOL 10000 or perm instr, MATH 10100 or MATH 101EN

7 hrs (3 lec, 3 lab, 1 disc) 4.5 cr. not offered 2014-15

BIOL 17500 - Choreographing Genomics

This course uses postmodern dance to model biological processes. It is an introductory biology course for non-majors studies in the biological science of molecular genome information through readings, quantitative assignments, movement exercises and artistic lenses. Students explore a detailed examination of heredity and cancer with a focus on contributions of DNA. Students are expected to articulate gene information flow in addition to the required text. Guest speakers and class presentations.

Students will be required to talk and move in class (comfortable clothes, flat shoes or bare feet, and a yoga mat are required).
Students will have reflective assignments that include written work. Students will be required to develop visual and movement-based models.

**prereq:**
MATH 10100 or MATH 101EN

3 hrs
3 cr.
spring only

**BIOL 20300**
Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Karyotic genetic concepts as well as provide basics in recombinant DNA technology.

**prereq:**
Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000,12100)

**coreq:**
CHEM 22200, 22300 or perm instr.

7 hrs
4.5 cr.
spring only

**BIOL 21000**
Introduction to Research Technology

This course is designed to provide practical experience and background information to students prior to their entry into an experimental research project in a faculty laboratory.

**prereq:**
BIOL 10000 or permission of Instructor

2 hrs
2 cr.
summer

**BIOL 23000**
Fundamentals of Microbiology

GER
3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program.

Not accepted for credit toward the biology Major I.

**prereq:**
CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200

5 hrs (2 lec, 3 lab)
3 cr.
spring only

**BIOL 23100**
Survey of Microbiology with Case Studies

BIOL 23100 utilizes the survey of microbial world content by adding case studies that will be investigated and discussed. Does not substitute BIOL 230 for Nursing Students.

**prereq:**
BIOL 10200, CHEM 10400

3 hrs (2 hour lecture; 1 hour discussion)
3 cr.

**BIOL 24000**
Biodiversity and Evolution

This course is designed to prepare primary and secondary science educators to examine essential questions in the life sciences through the use of resources at the American Museum of Natural History.

**prereq:**
BIOL 10000, 10200 and 21000, or permission of instructor

2 hrs
Current Topics in the Biosciences (W)

Seminar focusing on topics of current relevance such as the science of pharmaceuticals, vaccine development, and environmental quality standards. Coverage includes not only the science, but the social, legal, political, and ethical issues associated with each topic. This course will also examine how government agencies (e.g., FDA, USDA, EPA) use science to form public policy.

PREREQUISITES OR COREQUISITES: ENGL 12000 or equiv, and 2 sems intro lab science or equiv, or perm instr.

BIOL 27000 Intro to Neuroscience

This is a one-term introductory lecture course. The main focus is to provide an understanding of the principles underlying the function of the nervous system while comprehending certain experimental procedures that have led to this knowledge. In the first part of the course, the cellular and molecular mechanisms that regulate the activity of individual neurons will be discussed. Then, based on model systems, we will examine how neurons are assembled in networks to give rise to sensation and function. Finally, topics related to the development, maintenance, and plasticity of these networks will be covered. Accepted for credit toward the Biology Major.

PREREQUISITES: BIOL 10000 and BIOL 10200.

BIOL 30000 Biological Chemistry

GER 3/B

Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes, and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in biological chemistry. The following pre/co-requisites apply: prereq: BIOL 20300 and coreq: CHEM 22200.

Material Fee: $10

PREREQUISITES: Open only for majors.

7 hrs (3 lec, 3 lab, 1 disc)

4.5 cr.

BIOL 30100 Biological Chemistry

Not accepted for credit toward the Biology major and is recommended for post-bacs who need a one semester course, but do not need a lab and recitation. Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes, and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover a variety of modern techniques in molecular biology. Coreq: CHEM 22200.

3 hrs

3 cr.

BIOL 30300 Cell Biology

Experiments focus on the structure and function of cellular components including proteins and enzymes, metabolites, membranes and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism.
Biology major capstone course builds upon what has been learned in molecular biology & genetics and biochemistry providing an integrated look at the molecular biology of the cell. Separated into 5 units, the lecture and laboratory components are coordinated. The course includes integrated components in the following eukaryotic cell biology areas through the following 5 units:

1. Introduction: Cell morphology and commonly used techniques for examining the cell. An introduction to cell proliferation, cell motility, and cell communication (comparing prokaryotic and eukaryotic systems).

2. Cell Cycle Regulation: Cell cycle regulation, cellular signal transduction, regulation of cell proliferation and cell growth, cell death mechanisms, and de-regulation of cell growth the process of tumorigenesis.

3. Membranes and Cytoskeleton: Membranes, cytoskeleton, and signaling, are including mechanisms for transport and cellular channels for intracellular and intercellular communication. Human biology and disease as it pertains to membrane biology.

4. Organelles: Intracellular organelles are examined in detail for their structures and functions. This includes, but is not limited to, mitochondrial function and energy production, protein degradation pathways and intracellular trafficking.

5. Cell Communication: Cellular differentiation, cell-cell communication, and an introduction to development.

Prereq: Advisor permission; BIOL 30000 or instructor permission

7 hrs
4.5 cr
Spring only

BIOL 30400 - Environmental Microbiology

Role of microorganisms in normal and polluted environments: bioremediation, waste and water treatment, heavy metals, nutrient cycles, microbes as a food source, algal toxins, microbial pesticides, microbial indicators of mutagens and pollutants, microbial leaching of ores.

Prereq: BIOL 10000, 10200, 20000 or perm instr.

3 hrs
3 cr.

BIOL 30600 - Developmental Biology

Major topics include molecular and cellular mechanisms of early embryonic development in amphibians, mammals and model organisms such as Drosophila, as well as the related subjects of vertebrate organ system development, biology of stem cells and animal cloning. Emphasis is placed on seminal and current research in cell-cell communication, signal transduction and differential gene regulation in developmental processes.

Prereq: BIOL 30000

3 hrs (lec)
3 cr.
Fall only

BIOL 35000 - The Biology of Cancer

When a normal cell becomes a cancer cell there are genetic changes that occur that alter the biology of the cell such that it behaves independent of its neighbors. This course will investigate the altered biology of cancer cells that lead to uncontrollable proliferation and cancer. Topics include: cell culture, the cell cycle, hormones, receptors, intracellular signal transduction, oncogenes, tumor suppressor genes, apoptosis, metastasis, and the etiology of human cancer.

Prereq: BIOL 20000, 30000, or perm instr.

3 hrs (lec)
3 cr.

BIOL 36000 - Cellular and Molecular Immunology

Study of the immune system from a molecular perspective. Molecular genetics of antibody and T cell receptor diversity, hematopoiesis and lymphocyte development, humoral and cellular immunity, histocompatibility.

Prereq or coreq: BIOL 30000, perm instr.

4 hrs (3 lec, 1 disc)
A comprehensive introduction to neuroscience. Topics include how nerve cells (neurons) transmit electrical impulses, how neurons communicate with each other through synapses and how nerve pathways and networks determine many functions of the brain. The last portion of the course shall explore how developing neurons seek out targets and establish synapses.

This course is designed to further the understanding of a broad range of topics in biology. This is an interactive lecture course where students are initially taught tools used in any area of experimental biology. Students are then taught how to use these tools to study any subject matter (e.g.: cancer, neurobiology, molecular biology). Undergraduate students are required to design experiments during discussion periods and critically assess the negative and positive outcomes of an experimental design. Undergraduate degree students seeking to pursue further graduate studies will greatly benefit and are highly encouraged to enroll.

An overview of the various methods and kinds of data used in systematics, the study of organism diversity and biological relationships. Emphasis is on modern molecular and genetic approaches to identification of individual species and strains and full phylogenetic analyses of suites of species to determine their evolutionary history. The knowledge base is provided for experimental investigation of questions of current interest.
Molecular components and molecular mechanisms involved in the cell biology of neurons and glia, neuronal signaling, neuronal development, learning, memory and diseases of the nervous system.

prereq: BIOL 30000 or perm instr.
3 lec hrs
3 cr.
fall only

BIOL 39000 - Laboratory in Cell Structure
GER 3/B
Applications of light and confocal microscopy, using fluorescence and multidimensional imaging to study cell structures. Lab projects involve immunofluorescence: fixation methods and immunocytochemistry. Illumination methods including multichannel 3D rendering, image processing and visualization software.

prereq or coreq: BIOL 30000 or BIOL 20200 and perm instr.
7 hrs (2 lecture, 5 lab)
4.5 cr.
fall only

BIOL 39100 - Laboratory in Cell Structure
--- Biological Electron Microscopy

The students will learn basic concepts of transmission electron microscope, principles of biological sample preparation for transmission electron microscopy, various electron microscopy applications, to be familiar with the morphology of different organelles inside the mammalian cell, and understand the functions of each organelle. Lab projects involve: (1) perfusion fixation of mouse tissues; (2) routine transmission electron microscopy sample preparation; (3) techniques and tools used for microtomy; (4) transmission electron microscope alignment; and (5) imaging various cellular ultrastructures using a transmission electron microscope.

prereq or coreq: Instructor Permission
7 hrs.
4 cr.
spring only

BIOL 42500 - Computational Molecular Biology
GER 3/B
An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures.
The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting.

Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.
3 hrs
3 cr.

BIOL 45000 - Individual Tutorial in Biology
GER 3/B
May be taken only once. Research paper written under the direction of a full-time faculty member in department of biological sciences.

prereq: 18 credits in biology, approval of adviser in addition to the sponsor
1-2 cr.

BIOL 46000 - Introduction to Planning and Teaching of Laboratory Work in Biology
participation in discussions and assisting in the teaching of laboratories in an introductory course, or peer mentoring in the undergraduate biological sciences research techniques facility.

prereq: 16 credits in BIOL, 12 credits in CHEM, 2 letters from faculty

5 hrs (2 planning, 3 lab)

2 cr.

BIOL 47000 - Special Topics in Biology

GER 3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

prereq: BIOL 30000

2 hrs (lec)

2 cr. per sem.

BIOL 47100 - Special Topics in Biology

GER 3/B

Specific area of contemporary interest in biology. Topics change from term to term. An oral presentation and a written paper are required.

prereq: BIOL 30000

3 hrs (lec)

3 cr. per sem.

BIOL 48000 - Introduction to Experimental Biology

GER 3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted under auspices and supervision of a faculty member. Written report or presentation of work required for completion of course. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors and a maximum of 4 credits can count towards the Biology major. Since student research projects can take more than one semester, and students can develop and expand their research into continuing and related projects, this course may be repeated an unlimited number of times.

prereq: BIOL 10000 and 10200, Departmental permission prior to registration.

hrs TBA

1-2 cr. per sem.

BIOL 48100 - Introduction to Experimental Biology

GER 3/B

Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.

prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written permission prior to registration.

TBA

1-2 credits per semester

BIOL 48200 - Introduction to Experimental Biology
Laboratory research under guidance of faculty member. Work at another institution may be permitted in some cases, under auspices of a faculty member. Written report required upon completion of research. A minimum of 2 credits satisfies the research requirement for graduation with departmental honors.

prereq: BIOL 10000 and 10200, BIOL 20000 or 20200 (or the equiv), written perm instr. prior to reg.

1-2 credits per semester

BIOL 20800 - Ecology

BIOL 22000 - Topics in Genetics and Evolution


prereq: BIOL 10000 or equiv.

3 hrs

3 cr.

spring only

BIOL 25200 - Comparative Anatomy of the Vertebrates

Pluralism and Diversity

BIOL 28000 - Biochemistry of Health and Nutrition

GER 3/B

Basic biochemistry in areas related to human health and nutrition. Designed for students in the dietetics program. (Not accepted for credit toward biology Major I.)

prereq: BIOL 10000, 10200 or 12000, 12200; CHEM 10000, 12000

3 hrs (lec)

3 cr.

not offered 2014-15
The course teaches the basic molecular processes underlying neural tissue specification, brain region-specific maturation, proper circuits formation and synapse assembly during the development of eukaryotic organisms.

3 hrs
3 cr.

BIOL 40000
Special Topics in Advanced Laboratory Techniques
Advanced laboratory techniques used in contemporary biological research, including areas such as immunology, microbiology and molecular neurobiology. Topics change from term to term.
prereq: BIOL 30000 or perm instr.
4 hrs (lab)
2 cr

Programs and Courses in Chinese
The major in Chinese offers students the opportunity to develop Chinese language proficiency, explore Chinese classical and modern literature, delve into Chinese culture and history, and develop skills in Chinese-English translation and interpretation.

In addition, undergraduate students have the option to apply to join the Chinese Flagship program (a federally-funded honors program) that provides scholarships for study in Chinese in both public and private sectors, and have gone on to advanced study in law, international studies, translation, education, and many other areas where Chinese language skills and cultural knowledge are appreciated.

Hunter students benefit from their proximity to the rich cultural resources of the Chinese communities in New York City, and many gain professional experience through internships offered by global organizations, businesses, and government agencies headquartered in New York City.

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Track 1: Chinese Language and Literature (24-30 cr.)
The track in Chinese Language and Literature consists of 24-30 credits chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level. Courses must be taken in the sequence described below. Students who are exempt from language courses at the 200-level or above must make up their credits using other CHIN courses.
CHIN 10100 - Elementary Chinese I
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.
offered fall

CHIN 10200 - Elementary Chinese II
Beginning course in Mandarin.
3 hrs
3 cr.
offered spring

CHIN 20100 - Intermediate Chinese I
Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.
prereq: CHIN 10200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 20200 - Intermediate Chinese II
Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.
3 hrs
3 cr.
offered spring

CHIN 30100 - Journalistic Chinese Literature I
Intensive reading of literature and essays written in journalistic style.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 30200 - Journalistic Chinese Literature II
Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.
3 hrs
3 cr.
offered spring

CHIN 30300 - Classical Chinese Literature I
Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.

**Prerequisites:** CHIN 20200 or equiv.

3 hrs
3 cr.
Offered fall

**CHIN 30400** - Classical Chinese Literature II
Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.

**Prerequisites:** CHIN 303 or equiv.

3 hrs
3 cr.
Offered spring

**CHIN 30700** - Classic Chinese Poetry
Pluralism and Diversity

**PD/A**
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.

**Prerequisites:** CHIN 30400 or equiv.

3 hrs
3 cr.

**CHIN 40100** - Advanced Studies in Chinese Literature
Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.

**Prerequisites:** CHIN 30200 or equiv, perm chair

3 hrs
3 cr.

**Track 2: Chinese Translation and Interpretation (24-30 cr.)**
The track in Chinese Translation and Interpretation consists of 24-30 credits: for students with interest in acquiring training in Chinese translation in a variety of professional fields. Requirements for the concentration in Chinese translation include 24-30 credits chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level. Courses must be taken in the sequence described below.

Students who are exempt from language courses at the 200-level or above must make up their credits using other CHIN courses.

**Chinese language (12-18 credits):**

**CHIN 10100** - Elementary Chinese I
Beginning course in Mandarin.

3 hrs
3 cr.
Offered fall

**CHIN 10200** - Elementary Chinese II
Beginning course in Mandarin.

3 hrs
CHIN 20100 - Intermediate Chinese I
Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary building.
prereq: CHIN 10200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 20200 - Intermediate Chinese II
Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.
3 hrs
3 cr.
offered spring

CHIN 30100 - Journalistic Chinese Literature I
Intensive reading of literature and essays written in journalistic style.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 30200 - Journalistic Chinese Literature II
Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.
3 hrs
3 cr.
offered spring

CHIN 30300 - Classical Chinese Literature I
Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.
prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

CHIN 40100 - Advanced Studies in Chinese Literature
Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.
prereq: CHIN 30200 or equiv, perm chair
3 hrs
3 cr.
offered spring
Chinese and English Translation and Interpretation (12-18 credits):

RUSS 21500 - Translating Culture: Introduction to Theory and Practice of Translation

Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in the 20th century. Designed for students interested in translation in any language.

Prereq: ENGL 12000

3 hrs 3 cr.

CHIN 31600 - Introduction to Business Translation (Chinese – English)

This course introduces a broad scope of language support services pertaining to the business environment, specifically, to a variety of written documents and face-to-face verbal situations that call for translation between Chinese and English – from official stationery, daily correspondences, and meetings to press releases, press conferences, advertising copies, product manuals, and trade events. Students will learn to analyze source documents in real world indicators of the project in question: the client (commissioner of the work), targeted audience, purpose of document, and context of use; students will practice handling documents as an in-house language support staff, providing sight or summary translation, or general interpreting between Chinese and English in the context of business meetings. Through class discussions and practice, principles and approaches will emerge from a survey of key industry drivers of Chinese/English translation in real estate development, tourism, entertainment, digital gaming, and the art market.

Prereq: CHIN 20200

3 hrs 3 cr.

CHIN 31700 - Community Interpreting and Sight Translation, Chinese – English

This course provides a foundational skill-based grounding for the community interpreter who orally translates between English and Mandarin Chinese in both directions. This course will facilitate interpreting practice in a wide array of public, community, and commercial settings – from the adoption interview, real-estate closing, and arbitration proceedings to the pre-trial deposition and parent-teacher conference; the course will also emphasize sight translation, the oral translation of written texts, as a fundamental skill in community interpreting. As part of an experiential learning approach, students will role play and constitute their own “scenarios,” practice self- and peer-assessment, and learn the multi-faceted process of interpreting, including note-taking, listening, voice production, the use of verbal and non-verbal cues, memory training, and paralinguistic applications. The course will survey the role of community interpreting in the US context addressing key sectors including healthcare, public education, social services, and the criminal justice and court system.

Prereq: CHIN 20200

3 hrs 3 cr.

CHIN 31800 - Intercultural and Interlingual Discourse in Chinese & English

This course addresses the structural and cultural aspects of language use with focus on dual-language communication involving Chinese and English. Interlingually, the course will explore given structural differences between Chinese and English, including aspects of speech habits (phonology), word-formation (morphology), vocabulary (lexicon), phraseology, and sentence structure (syntax); interculturally, the course will examine how dual-language speakers (and translators) negotiate and shape Chinese and English in the dynamic of time-and-place communication, including the navigation of different discourse styles, conventions governing idiom, coherence, or logic, and assumptions about gender relations, and power and status that determine who speaks when, who gets interrupted, and how rhetoric and voice are expressed in code switching and mixing between Chinese and English. In identifying rule-governed variance and strategies used to mediate differences in communication, students will also develop an articulate understanding of how the two languages function in their separate and yet intertwined evolution.

Prereq: CHIN 20200

3 hrs 3 cr.

CHIN 40153 - Chinese and English Translation (3)

CHIN 40154 - Advanced Chinese and English Translation (3)

CHIN 40200 - Independent Study in Chinese Literature

Independent study and research in Chinese literature under supervision of a faculty member. For majors only.

Prereq: CHIN 40100, perm chair

3 hrs 3 cr.
Track 3: Chinese Flagship (42-48 cr.)

The track in Chinese Flagship consists of 42 credits and is intended for students accepted into the Chinese Flagship program. The track consists of 42-48 credits at Hunter chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level, plus 18 credits taken in China or Taiwan. Courses must be taken in the sequence described below. Students who are exempt from language courses at the 200-level or above must make up their credits using other CHIN courses.

Chinese language (24-30 credits):

CHIN 10100 - Elementary Chinese I
Beginning course in Mandarin. 3 hrs 3 cr. offered fall

CHIN 10200 - Elementary Chinese II
Beginning course in Mandarin. 3 hrs 3 cr. offered spring

CHIN 20100 - Intermediate Chinese I
Reading of literature in baihua (vernacular style) with emphasis on structural use of “function words” and vocabulary-building. prereq: CHIN 10200 or equiv. 3 hrs 3 cr. offered fall

CHIN 20200 - Intermediate Chinese II
Continued reading of literature in baihua. prereq: CHIN 20100 or equiv. 3 hrs 3 cr. offered spring

CHIN 30100 - Journalistic Chinese Literature I
Intensive reading of literature and essays written in journalistic style. prereq: CHIN 20200 or equiv. 3 hrs 3 cr. offered fall

CHIN 30200 - Journalistic Chinese Literature II

Intensive reading and translation of literature written in journalistic style. 

prereq: CHIN 30100 or equiv.  3 hrs  3 cr.  offered spring

CHIN 30300 - Classical Chinese Literature I
Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles. 

prereq: CHIN 20200 or equiv.  3 hrs  3 cr.  offered fall

CHIN 30400 - Classical Chinese Literature II
Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style. 

prereq: CHIN 30300 or equiv.  3 hrs  3 cr.  offered spring

CHIN 30700 - Classical Chinese Poetry
Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi. 

prereq: CHIN 30400 or equiv.  3 hrs  3 cr.

CHIN 40100 - Advanced Studies in Chinese Literature
Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation. 

prereq: CHIN 30200 or equiv, perm chair  3 hrs  3 cr.

Capstone year study abroad (18 credits):
CHIN 40105 - Intercultural Communication in Greater China (3)
CHIN 40106 - Media in Contemporary Chinese Societies (3)
CHIN 40108 - Domain Research in Chinese (3)
CHIN 40114 - Chinese for Professional Purposes (3)
CHIN 49806 - In-Service Internship (6)

Teacher Education Pathway
Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.
Advanced Placement and Exemptions

Students who elect to take Chinese as their required language and have studied the language abroad or at home must consult the head of the Chinese Division for advanced placement or exemptions. The Chinese program does not offer proficiency tests.

Electives

All courses, unless otherwise stated in course descriptions, are open to qualified students majoring in other disciplines.

Chinese: Other Courses

Language Courses

CHIN 10100 - Elementary Chinese I
Beginning course in Mandarin.
3 hrs 3 cr.
offered fall

CHIN 10200 - Elementary Chinese II
Beginning course in Mandarin.
3 hrs 3 cr.
offered spring

CHIN 10500 - Chinese Writing System and Calligraphy I
Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.
3 hours 3 credits
offered fall

CHIN 10600 - Chinese Writing System and Calligraphy II
Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.
prereq: CHIN 10500 or equivalent
3 hours 3 credits
offered spring

CHIN 30600 - 20th-Century Chinese Literature
Pluralism and Diversity
PD/A
Selected readings of leading thinkers and writers.
CHIN 20200 or equiv.

3 hrs
3 cr.

CHIN 39900 - Second Language Acquisition
A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.

CHIN 11100 - Chinese Culture I
Hunter Core: World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs
3 cr.

CHIN 11200 - Chinese Culture II
Hunter Core: World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.
3 hrs
3 cr.

CHIN 21100 - Topics in Chinese Culture
Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.
3 hrs
3 cr.

CHIN 25100 - Topics in Chinese Literature in English Translation (W)
Hunter Core: Individual and Society (Humanities)
Pluralism and Diversity
GER 2/C
Including 20th-century literature, contemporary literature.

prereq: ENGL 12000
3 hrs
3 cr.
CHIN 35500 - Classical Chinese Fiction in English Translation (W)
Pluralism and Diversity
PD/A
GER
3/A
Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.
prereq: ENGL 12000

3 hrs
3 cr.
CHIN 35700 - Chinese Poetry in English Translation (W)
Pluralism and Diversity
PD/A
GER
3/A
Major poets from the earliest times to the present day, with emphasis on the Tang period.
prereq: ENGL 12000

Degree Map for Chinese Language and Literature
Degree Map for Chinese Programs and Courses in Classical & Oriental Studies
Cl
Assical and Oriental Studies
Overview
The Department of Classical and Oriental Studies offers programs in Arabic, Chinese, Classics, Hebrew, Japanese, and Russian. With over 20 full-time faculty and over 50 adjunct faculty, the department is able to offer nine BA degrees: Arabic, Chinese, Classical Archaeology, Classical Studies, Greek, Hebrew, Latin, Latin and Greek, and Russian. In addition, the department offers a three-year sequence in the Japanese language, and, in joint sponsorship with the Kosciuszko Foundation, a wide range of courses in Polish language, literature and culture. The department participates in several interdisciplinary programs, including Anthropology, Religion, Women and Gender Studies, Comparative Literature, Middle East Studies and Jewish Studies. All the programs of the department have as their common goal the teaching of the foreign languages, literature, and culture in order to prepare them both for careers in which they will use these skills and for further study on the graduate level.

Programs Offered by the Department of Classical & Oriental Studies
• Arabic Language, Literature, and Culture Program
• Chinese Language and Literature Program
• The Classics Program
• Hebrew Program
What can I do with my degree in Classical and Oriental Studies?

The programs prepare students for further studies in graduate school and professional careers in international trade, education, government service, diplomacy, private business, journalism and related fields. Majors in our programs find employment in museums, archives, U.S. governmental agencies, the United Nations, broadcasting, banking, international commerce, education, library services, college and high school teaching, and other fields.

### Arab

The major in Arabic offers students the opportunity to engage in linguistic and cultural training focusing on the Arab Middle East, North Africa, and Diaspora through coursework in language, literature, and culture. In addition, students will benefit from the multiple resources for Arab Studies in the New York City area through internships and research. These resources include museums, cultural organizations, and academic centers, institutions, and organizations devoted to the study of the Arab Middle East and North Africa and its people, and Arab communities in the United States. Arabic, one of the six official languages of the United Nations, is the official language of 26 nations and is spoken by over 300 million people worldwide. Additionally, it is a liturgical language for over 1.8 billion Muslims. The Arabic speaking regions of the Middle East have been shaping world history for centuries. The United States has been deeply involved in the region for many decades and plays a central role in current politics. Graduates of the Arabic Major will have attained advanced linguistic training and will have a deep cultural knowledge that will prepare them for work in governmental and non-governmental organizations, business, human rights, and social services. In addition, graduates of the Arabic Program will have attained a broad array of knowledge and skills that will allow them to pursue advanced studies in a number of academic fields including anthropology, art history, religion, comparative literature, linguistics, history, Middle East Studies, philosophy, political science, and sociology.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

**ARB 14800 - Beginning Arabic for Heritage Speakers**

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: perm of division head
3 hrs
3 cr.
This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well as works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.
A survey of the literary and cultural history of Muslim Spain, 8th-15th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs
3 credits

The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
3 hours
3 credits

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.
3 hrs
3 cr.

Welcoming students of any major or background, this course opens an angle on to culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.
3 hrs
3 cr.
North Africa (Maghreb) is often described as a crossroads of many cultures — Arab, Berber, African, European, and others. Over the course of this semester, we will discuss important issues facing this region, including democratic reform efforts both before and following the Arab spring, Berber language movements and other language debates, colonial and post-colonial struggles, and social and cultural debates surrounding gender and religion. Through readings of key literary, historical, political, and cultural texts, as well as viewing important documentary and fictional film productions, we will examine this fascinating region from multiple vantage points.

prereq: ENGL 12000

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (27-33)

The Arabic Major at Hunter has three key components: A) a core sequence of Language courses, B) a choice of electives in both Arabic and English, and C) a capstone course. The total number of credits is 27-33 credits depending on the level of Arabic a student comes to the program with. The rationale for this curriculum is to prepare students to graduate having reached an Advanced level of proficiency on the ACTFL scale and a deep knowledge of Arab Culture.

A. Core Language Sequence

The major has two basic sequences: one for Heritage Learners and one for non-Heritage learners.

Core Language Sequence for Heritage Learners (15 credits assuming no exemptions):

ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: perm of division head

3 hrs
3 cr.

ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have no t studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: ARB 14800 or Arabic Program head's permission

3 hrs
3 cr.

ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic

prereq: ARB 20200 or equiv.

3 hrs
3 cr.

ARB 30200 - Advanced Arabic II

This course is not open to students who have taken the ARB 10100-30200 sequence.
ARB 30100: Advanced Arabic I

Prereq: ARB 30100 or equiv.
3 hrs
3 cr.

Focuses on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. Vocabulary continues the trajectory of being less subjective and more academic.

ARB 40100: Focused Arabic Study for Advanced Students

Prereq: ARB 30200
3 hrs
3 cr.

A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

ARB 10100: Beginning Arabic I

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Language Proficiency Requirement

ARB 10200: Beginning Arabic II

Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

ARB 20100: Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

Prereq: ARB 10200 or equiv.
3 hrs
3 cr.

ARB 20200: Intermediate Arabic II

Continuation of ARB 20100.

Prereq: ARB 20100 or equiv.
3 hrs
3 cr.
Emphasis on increased proficiency in reading, speaking and writing Arabic

prereq: ARB 20200 or equiv.

3 hrs
3 cr.

ARB 30200
Advanced Arabic II
Continuation of ARB 30100
prereq: ARB 30100 or equiv.

3 hrs
3 cr.

ARB 40100
Focused Arabic Study for Advanced Students

Pluralism and Diversity
P/D A 4th
A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

prereq: ARB 30200

3 hrs
3 cr.

B. Electives in both Arabic and English (6 to 9 credits):

Heritage Learners will choose, after the required ARB 15000 Introduction to Modern Arab Cultures, two other culture classes in English (chosen from among eight different classes that we currently offer on a regular basis). Heritage Learners will also choose one Arabic elective class (chosen from among four different advanced classes that we offer on a regular basis or our internship class).

Both Heritage Learners and Non-Heritage Learners who come in having placed out of some of our core sequence will take a higher number of these electives to reach the 27 credit requirement for the major.

Non-Heritage Learners will choose, after the required ARB 15000 Introduction to Modern Arab Cultures, one other culture class in English (chosen from among eight different classes that we currently offer on a regular basis). They will also choose one Arabic elective class (chosen from among four different advanced classes that we offer on a regular basis or our internship class).

C. Arabic Senior Capstone course

The Arabic Senior Capstone course, ARB 49000 (3 credits) is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project (in Arabic). Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival directories; annotated bibliographies; artistic performances whether live or recorded (or both); exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications.

Degree Maps for Arabic
• Degree Map for Arabic BA (Heritage Learner)
• Degree Map for Arabic BA (Non-Heritage Learner)

Chinese - BA
The major in Chinese offers students the opportunity to develop Chinese language proficiency, explore Chinese classical and modern literature, delve into Chinese culture and history, and develop skills in Chinese-English translation and interpretation.

In addition, undergraduate students have the option to apply to join the Chinese Flagship program (a federally-funded honors program) that provides scholarships for study abroad in China or Taiwan.

Graduates of the Chinese Major will have attained advanced to superior language proficiency and will have deep cultural knowledge that will prepare them for careers in the global workforce. Hunter Chinese alumni have been pursuing careers in both public and private sectors, and have gone on to advanced study in law, international studies, translation, education, and many other areas where Chinese language skills and cultural knowledge are appreciated.

Hunter students benefit from their proximity to the rich cultural resources of the Chinese communities in New York City, and many gain professional experience through internships offered by global organizations, businesses, and government agencies headquartered in New York City.

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Current Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Track 1: Chinese Language and Literature (24-30 cr.)

The track in Chinese Language and Literature consists of 24-30 credits chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level. Courses must be taken in the sequence described below. Students who are exempt from language courses at the 200-level or above must make up their credits using other CHIN courses.

CHIN 10100 - Elementary Chinese I
Beginning course in Mandarin. CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement. 3 hrs 3 cr. offered fall

CHIN 10200 - Elementary Chinese II
Beginning course in Mandarin. 3 hrs 3 cr. offered spring

CHIN 20100 - Intermediate Chinese I
Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building. Prereq: CHIN 10200 or equiv. 3 hrs 3 cr. offered fall

CHIN 20200 - Intermediate Chinese II
Continued reading of literature in baihua. Prereq: CHIN 20100 or equiv. 3 hrs 3 cr. offered spring

CHIN 30100 - Journalistic Chinese Literature I
Intensive reading of literature and essays written in journalistic style. Prereq: CHIN 20200 or equiv. 3 hrs 3 cr. offered fall

CHIN 30200 - Journalistic Chinese Literature II
Intensive reading and translation of literature written in journalistic style.

Prereq: CHIN 30100 or equiv.

3 hrs
3 cr.
Offered spring

CHIN 30300 - Classical Chinese Literature I
Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.

Prereq: CHIN 20200 or equiv.

3 hrs
3 cr.
Offered fall

CHIN 30400 - Classical Chinese Literature II
Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.

Prereq: CHIN 303 or equiv.

3 hrs
3 cr.
Offered spring

CHIN 30700 - Classical Chinese Poetry
Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.

Prereq: CHIN 30400 or equiv.

3 hrs
3 cr.

CHIN 40100 - Advanced Studies in Chinese Literature
Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.

Prereq: CHIN 30200 or equiv, perm chair

3 hrs
3 cr.

Track 2: Chinese Translation and Interpretation (24-30 cr.)
The track in Chinese Translation and Interpretation consists of 24-30 credits: for students with interest in acquiring training in Chinese translation in a variety of professional fields. Requirements for the concentration in Chinese translation include 24-30 credits chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level. Courses must be taken in the sequence described.

Chinese language (12-18 credits):

CHIN 10100 - Elementary Chinese I
Beginning course in Mandarin.

CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
CHIN 10200 - Elementary Chinese II
Beginning course in Mandarin. 3 hrs 3 cr.
offered fall

CHIN 20100 - Intermediate Chinese I
Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building. prereq: CHIN 10200 or equiv. 3 hrs 3 cr.
offered fall

CHIN 20200 - Intermediate Chinese II
Continued reading of literature in baihua. prereq: CHIN 20100 or equiv. 3 hrs 3 cr.
offered spring

CHIN 30100 - Journalistic Chinese Literature I
Intensive reading of literature and essays written in journalistic style. prereq: CHIN 20200 or equiv. 3 hrs 3 cr.
offered fall

CHIN 30200 - Journalistic Chinese Literature II
Intensive reading and translation of literature written in journalistic style. prereq: CHIN 30100 or equiv. 3 hrs 3 cr.
offered spring

CHIN 30300 - Classical Chinese Literature I
Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles. prereq: CHIN 20200 or equiv. 3 hrs 3 cr.
offered fall
Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.

Prereq: CHIN 30200 or equiv, perm chair

3 hrs 3 cr.

Chinese and English Translation and Interpretation (12-18 credits):

RUSS 21500 - Translating Culture: Introduction to Theory and Practice of Translation

Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in 20th century. Designed for students interested in translation in any language.

Prereq: ENGL 12000

3 hrs 3 cr.

CHIN 31600 - Introduction to Business Translation (Chinese–English)

This course introduces a broad scope of language support services pertaining to the business environment, specifically, to a variety of written documents and face-to-face verbal situations that call for translation between Chinese and English—from official stationery, daily correspondences, and meetings to press releases, press conferences, advertising copies, product manuals, and trade events. Students will learn to analyze source documents in real world indicators of the project in question: the client (commissioner of the work), targeted audience, purpose of document, and context of use; students will practice handling documents as an in-house language support staff, providing sight or summary translation, or general interpreting between Chinese and English in the context of business meetings. Through class discussions and practice, principles and approaches will emerge from a survey of key industry drivers of Chinese/English translation in real estate development, tourism, entertainment, digital gaming, and the art market.

Prereq: CHIN 20200

3 hrs 3 cr.

CHIN 31700 - Community Interpreting and Sight Translation, Chinese–English

This course provides a foundational skill-based grounding for the community interpreter who orally translates between English and Mandarin Chinese in both directions. This course will facilitate interpreting practice in a wide array of public, community, and commercial settings—from the adoption interview, real-estate closing, and arbitration proceedings to the pre-trial deposition and parent-teacher conference; the course will also emphasize sight translation, the oral translation of written texts, as a fundamental skill in community interpreting. As part of an experiential learning approach, students will role play and constitute their own “scenarios,” practice self- and peer-assessment, and learn the multi-faceted process of interpreting, including note-taking, listening, voice production, the use of verbal and non-verbal cues, memory training, and paralinguistic applications. The course will survey the role of community interpreting in the US context addressing key sectors including healthcare, public education, social services, and the criminal justice and court system.

Prereq: CHIN 20200

3 hrs 3 cr.

CHIN 31800 - Intercultural and Interlingual Discourse in Chinese & English

This course addresses the structural and cultural aspects of language use with focus on dual-language communication involving Chinese and English. Interlingually, the course will explore given structural differences between Chinese and English, including aspects of speech habits (phonology), word-formation (morphology), vocabulary (lexicon), phraseology, and sentence structure (syntax); interculturally, the course will examine how dual-language speakers (and translators) negotiate and shape Chinese and English in the dynamic of time-and-place communication, including the navigation of different discourse styles, conventions governing idiom, coherence, or logic, and assumptions about gender relations, and power and status that determine who speaks when, who gets interrupted, and how rhetoric and voice are expressed in code switching and mixing between Chinese and English. In identifying rule-governed variance and strategies used to mediate differences in communication, students will also develop an articulate understanding of how the two languages function in their separate and yet intertwined evolution.

Prereq: CHIN 20200

3 hrs 3 cr.
Independent study and research in Chinese literature under supervision of a faculty member. For majors only.

prereq: CHIN 40100, perm chair

3 hrs 3 cr.

Track 3: Chinese Flagship (42-48 cr.)

The track in Chinese Flagship consists of 42 credits and is intended for students accepted into the Chinese Flagship program. The track consists of 42-48 credits at Hunter chosen from the following CHIN-prefixed courses, 24 of which must be from courses above the 100-level, plus 18 credits taken in China or Taiwan. Courses must be taken in the sequence described below. Students who are exempt from language

Chinese language (24-30 credits):

CHIN 10100 - Elementary Chinese I

Beginning course in Mandarin. CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs 3 cr.

offered fall

CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs 3 cr.

offered spring

CHIN 20100 - Intermediate Chinese I

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.

prereq: CHIN 10200 or equiv.

3 hrs 3 cr.

offered fall

CHIN 20200 - Intermediate Chinese II

Continued reading of literature in baihua.

prereq: CHIN 20100 or equiv.

3 hrs 3 cr.

offered spring

CHIN 30100 - Journalistic Chinese Literature I
Intensive reading of literature and essays written in journalistic style.

prereq: CHIN 20200 or equiv.

3 hrs

3 cr.

offered fall

CHIN 30200

- Journalistic Chinese Literature II

Intensive reading and translation of literature written in journalistic style.

prereq: CHIN 30100 or equiv.

3 hrs

3 cr.

offered spring

CHIN 30300

- Classical Chinese Literature I

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.

prereq: CHIN 20200 or equiv.

3 hrs

3 cr.

offered fall

CHIN 30400

- Classical Chinese Literature II

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.

prereq: CHIN 303 or equiv.

3 hrs

3 cr.

offered spring

CHIN 30700

- Classical Chinese Poetry

Pluralism and Diversity

PD/A

Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.

prereq: CHIN 30400 or equiv.

3 hrs

3 cr.

CHIN 40100

- Advanced Studies in Chinese Literature

Including 20th-century literature, poetry; etymology and vocabulary building; Chinese-English translation.

prereq: CHIN 30200 or equiv, perm chair

3 hrs

3 cr.

and

Capstone year study abroad (18 credits):

CHIN 40105

- Intercultural Communication in Greater China (3)

CHIN 40106

- Media in Contemporary Chinese Societies (3)
CHIN 40108 - Domain Research in Chinese (3)

CHIN 40114 - Chinese for Professional Purposes (3)

CHIN 49806 - In Service Internship (6)

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Advanced Placement and Exemptions

Students who elect to take Chinese as their required language and have studied the language abroad or at home must consult the head of the Chinese Division for advanced placement or exemptions. The Chinese program does not offer proficiency tests.

Electives

All courses, unless otherwise stated in course descriptions, are open to qualified students majoring in other disciplines.

Chinese: Other Courses

Language Courses

CHIN 10100 - Elementary Chinese I
Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs 3 cr. offered fall

CHIN 10200 - Elementary Chinese II
Beginning course in Mandarin.
3 hrs 3 cr. offered spring

CHIN 10500 - Chinese Writing System and Calligraphy I
Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.
3 hours 3 credits offered fall

CHIN 10600 - Chinese Writing System and Calligraphy II
Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.
prereq: CHIN 10500 or equivalent
3 hours
CHIN 30600 - 20th-century Chinese Literature
Pluralism and Diversity
PD/A
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs 3 cr.

CHIN 39900 - Second Language Acquisition
A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs 3 cr.

Chinese Culture and Literature in Translation
CHIN 11100 - Chinese Culture I
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.
3 hrs 3 cr.

CHIN 11200 - Chinese Culture II
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
GER 2/C PD/A
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.
3 hrs 3 cr.

CHIN 21100 - Topics in Chinese Culture
Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre.
3 hrs 3 cr.
CHIN 25100 - Topics in Chinese Literature in English Translation (W)  Hunter Core Individual and Society (Humanities)  Pluralism and Diversity

GER 2/C Including 20th-century literature, contemporary literature. prereq: ENGL 12000 3 hrs 3 cr.

CHIN 35500 - Classical Chinese Fiction in English Translation (W)  Pluralism and Diversity  PD/A GER 3/A Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms. prereq: ENGL 12000 3 hrs 3 cr.

CHIN 35700 - Chinese Poetry in English Translation (W)  Pluralism and Diversity  PD/A GER 3/A Major poets from the earliest times to the present day, with emphasis on the Tang period. prereq: ENGL 12000 3 hrs 3 cr.

Degree Map for Chinese Language and Literature

Classical Archaeology (Interdepartmental) - BA Return to Classical and Oriental Studies

Hunter Core Requirement

Note: Several courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of Classical Archaeology, the course that meets CCCR is:
Major Requirements
- 36 credits
12 credits from the following courses:

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

GER 2/C - Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.
prereq: ENGL 12000
3 hrs
3 cr.

CLARC 22000 - Aegean Archaeology (W)

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 22100 - Greek Archaeology (W)

GER 3/A - Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLARC 20400
3 hrs
3 cr.

CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)
The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.

**CLARC 32200** - Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity

PD/A

GER

3/A

Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

**Prereq:** ENGL 12000, CLARC 20400

3 hrs

3 cr.

**CLARC 32300** - Archaeology of Anatolia (W)

Pluralism and Diversity

PD/A

GER

3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

**Prereq:** ENGL 12000, CLARC 20400

3 hrs

3 cr.

**CLARC 32600** - Hellenistic Archaeology (W)

**CLARC 23000** - Field Seminar in Archaeology

Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.

Open only to majors who have completed ENGL 12000 and CLARC 20400.

**Prereq:** ENGL 12000, CLARC 20400. Open to majors only; with permission of dept.

1–6 hrs

1–6 cr.

**CLARC 32900** - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary.

**Prereq:** ENGL 12000; CLARC 20400 and one other CLARC course

3 hrs

3 cr.
The Mediterranean world from Alexander the Great through the rise of Rome; trends in architecture, sculpture, painting, mosaics and city planning, reflecting the period's history and philosophies (ca. 350–31 BCE). Focuses on the sites of Alexandria, Pergamon, Delos, Athens, Rome.

prereq: ENGL 12000 and CLARC 20400
3 hrs 3 cr.

CLARC 32800 - Theory and Methods in Classical Archaeology (W)
Archaeology as a comprehensive discipline of historical inquiry through analysis of material culture, as studied in the Mediterranean basin and the Ancient Near East. This course includes fieldwork strategies, survey, stratigraphic excavation, ceramic and numismatic analysis, artifact and data processing and documentation, management and protection of cultural heritage.

prereq: ENGL 12000 and CLARC 20400
3 hrs 3 cr.

CLA 49100 - Honors in Classics
Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

prereq: ENGL 12000, perm dept.
3 hrs 3 cr.

**Honors in Classics (Archaeology) tutorials are open only to majors**

ANTHC 12600 - Introduction to Prehistoric Archaeology
Hunter Core World Culture and Global Issues (WCGI) GER 2/B
Human social and cultural evolution from the earliest humans to the rise of the first civilizations.
3 hrs 3 cr. offered every sem.

ANTHC 12700 - Methods In Archaeological Science
Hunter Core SW
Introduction to theory and method of scientific research in archaeology.
prereq: ANTHC 12600 or perm instr.
3 hrs 3 cr.

ANTHC 22600 - Archaeology of Africa
Pluralism and Diversity PD/A
Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies.

prereq: ANTHC 12600 or perm instr.
3 hrs 3 cr.

ANTHC 22700 - Archaeology of Europe

Pluralism and Diversity

Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.

prereq: ANTHC 12600 or perm instr.
3 hrs 3 cr.

ANTHC 22800 - Archaeology of the Near East to 2000 BC

Pluralism and Diversity

Sociocultural development of Near East from early hunter-gatherers to first states and empires.

prereq: ANTHC 12600 or perm instr.
3 hrs 3 cr.

ANTHC 23100 - Archaeology of Mesoamerica

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.

prereq: ANTHC 12600 or perm instr.
3 hrs 3 cr.

ANTHC 23200 - Archaeology of South America and the Caribbean

Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.

prereq: ANTHC 12600 or perm instr.
3 hrs 3 cr.
ANTHC 42600 - Seminar in Archaeological Field Methods

Pluralism and Diversity

See note below

Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

The only ANTHC 42600 courses that currently meet Pluralism and Diversity Requirement are:

- ANTHC 42659 Archaeology of North America meets PD/B
- ANTHC 42660 Archaeology of Colonialism meets PD/D

prereq:

ANTHC 12600 or perm instr.

3 hrs
3 cr.

Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

Degree Map for Classical Archaeology

Degree Map for Classical Archaeology

Classical Studies - BA

Return to Classical and Oriental Studies

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education -
Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.

prereq: ENGL 12000
3 hrs
3 cr.

ARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

prereq: ENGL 12000
3 hrs
3 cr.

CLA 25000 - Greek and Roman Tragedy (W)

A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.

prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25100 - Ancient Comedy (W)

Aristophanes, Menander, Plautus, and Terence, with consideration of their influence on Western comic tradition.

prereq: ENGL 12000
3 hrs
3 cr.
Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.

prereq:
ENGL 12000 recom: CLA 10100

3 hrs
3 cr.

Courses Required for the Major (24 credits)

12 credits of Greek or 12 credits of Latin, including
GRK 10100 - Beginning Ancient Greek 1
Elementary course in grammar, syntax and morphology of Ancient Greek.

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement.

3 hrs
3 cr.
offered fall

GRK 10200 - Beginning Ancient Greek 2
Elementary course in grammar, syntax and morphology of Ancient Greek.

prereq:
GRK 10100

3 hrs
3 cr.
offered spring

LAT 10200 - Beginning Latin 2
3 hrs.
3 cr.
offered spring

12 credits of Classics courses given in English (with a CLA or a CLARC prefix), including two courses at the 300 level

Note:
CLA 10100 and CLA 11000 do not count toward the major.

Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.
Note: Can serve as one of the 3 credit CLA elective courses.

CLA 49100 - Honors in Classics
Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.
prereq: ENGL 12000, perm dept.
3 hrs, 3 cr.

Courses in Classical Studies

CLA 10100 - Classical Mythology
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C
Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
3 hrs, 3 cr.

CLA 11000 - The Greek and Latin Roots of English
Hunter Core
World Culture and Global Issues (WCGI)
GER
2/C
Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.
3 hrs, 3 cr.

CLA 20100 - Greek Civilization (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C
Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
prereq: ENGL 12000
3 hrs, 3 cr.

CLARC 20200 - Hellenistic Civilization (W)
The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.

Prereq: ENGL 12000; CLA 20100 or CLARC 20400

3 hrs 3 cr.

CLA 20300 - Roman Civilization (W)

Hunter Core World Culture and Global Issues (WCGI) Pluralism and Diversity PD/D GER 2/C

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.

Prereq: ENGL 12000

3 hrs 3 cr.

CLARC 22000 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core World Culture and Global Issues (WCGI) GER 2/C

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

Prereq: ENGL 12000

3 hrs 3 cr.

CLARC 22100 - Aegean Archaeology (W)

Prereq: ENGL 12000, CLARC 20400

3 hrs 3 cr.

CLARC 22000 - Greek Archaeology (W)
Pluralism and Diversity
PD/D
GER
3/A
Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
prereq: ENGL 12000; CLARC 20400
3 hrs
3 cr.

CLARC 22200 - Roman Archaeology I: Etruscans, Monarchy, Republic (W)
Pluralism and Diversity
PD/A
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.
prereq: ENGL 12000; CLARC 20300 - or CLARC 20400
3 hrs
3 cr.
fall only

CLARC 32100 - Archaeology of Egypt (W)
Pluralism and Diversity
PD/A
GER
3/A
Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.
prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32500 - Archaeology of Eastern Mediterranean (W)
Pluralism and Diversity
PD/A
GER
3/A
The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.
prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLA 24000 - Topics in Classics
Examination of specific areas of classical culture, such as literature, language, or numismatics.

prereq: ENGL 120
3 hrs
3 cr.

CLA 25000 - Greek and Roman Tragedy (W)
Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity - PD/D
GER 2/C
A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.

prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25100 - Ancient Comedy (W)
Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity - PD/D
GER 2/C
Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.

prereq: ENGL 12000
3 hrs
3 cr.

CLA 25300 - Homer and Vergil (W)
Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity - PD/D
GER 2/C
Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.

prereq: ENGL 12000 recom: CLA 10100
3 hrs
3 cr.

CLA 25400 - The Ancient Novel in Translation (W)
Pluralism and Diversity - PD/D
GER
Greek and Roman prose fiction - Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatius' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.

Prereq: ENGL 22000 or perm instr.

3 hrs
3 cr.

CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

Pluralism and Diversity
GER

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.

Prereq: ENGL 12000; CLA 10100 or 20100

3 hrs
3 cr.

CLA 30300 - Religion of Ancient Greece (W)

Pluralism and Diversity
GER

The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.

Prereq: ENGL 12000, CLA 10100 or 20100

3 hrs
3 cr.

CLA 30400 - Pagans and Christians (W)

Pluralism and Diversity
PD/D
GER

Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.

Prereq: ENGL 12000; CLA 20100 or 20300

3 hrs
3 cr.

CLA 30500 - Women and Slaves in Classical Antiquity (W)

Pluralism and Diversity
PD/C or D
GER

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.

Cross-listed: WGSC 30500 (W)

Prereq: ENGL 12000; CLA 20100 or 20300

3 hrs
3 cr.
CLA 30600 - Special Studies in Ancient Greek Culture
Examination of specific areas of Greek life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs 3 cr.

CLA 30700 - Special Studies in Ancient Roman Culture
Examination of specific areas of Roman life. Topics vary from year to year.
prereq: ENGL 12000
3 hrs 3 cr.

CLA 30800 - Magic and Science in the Ancient World (W)
GER
3/A
The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs 3 cr.

CLA 31000 - Ancient Sports and Spectacles (W)
Pluralism and Diversity
PD/D
GER
3/A
An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.
prereq: ENGL 12000; CLA 20100 or 20300
3 hrs 3 cr.

CLARC 32200 - Archaeology of Mesopotamia and Iran (W)
Pluralism and Diversity
PD/A
GER
3/A
Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.
prereq: ENGL 12000, CLARC 20400
3 hrs 3 cr.
CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity

PD/A GER 3/A

Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

prereq: ENGL 12000, CLARC 20400

3 hrs 3 cr.

CLARC 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary.

prereq: ENGL 12000; CLARC 20400 and one other CLARC course

3 hrs 3 cr.

CLARC 23000 - Field Seminar in Archaeology

Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.

Open only to majors who have completed ENGL 12000 and CLARC 20400.

prereq: ENGL 12000, CLARC 20400. Open to majors only; with permission of dept.

1-6 hrs 1-6 cr.

CLA 42100 - Independent Study in Classics

Open to majors only.

prereq: ENGL 12000, perm dept.

1-3 cr.

CLA 49100 - Honors in Classics

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

prereq: ENGL 12000, perm dept.

3 hrs 3 cr.

CLA 49800 - Internship

prereq: ENGL 12000, perm dept.

1-6 cr.
The degree map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the degree map to fit your situation. Consult with your advisor about the best path for you.

### Freshman Year

**Fall**

- **ENGL 12000** - Expository Writing
  - Hunter Core: English Comp (EC)
- **ARB 14800** - Beginning Arabic for Heritage Speakers
  - This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.
  - **prereq:** perm of division head
  - 3 hrs
  - 3 cr.

**Spring**

- **ENGL 22000** - Introduction to Writing about Literature (W)
  - Hunter Core: English Comp (EC)
- **ARB 24800** - Intermediate Arabic for Heritage Speakers
  - The course is not open to students who have taken the ARB 10100-30200 sequence.
  - 3 hrs
  - 3 cr.
This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book. The course is not open to students who have taken the ARB sequence.

prereq: ARB 14800 or Arabic Program head's permission

3 hrs 3 cr.

Creative Expression
Individual & Society / Humanities
Life and Physical Sciences

Sophomore Year
Fall
ARB 15000
Introduction to Modern Arab Cultures

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D A

This course will explore the diversity of cultures in the modern Arab World. By “culture” we mean the practices of everyday life as well as works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs 3 cr.

ARB 30100
Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic

prereq: ARB 20200 or equiv.

3 hrs 3 cr.

• US Experience in Its Diversity
• Elective
• Elective

Spring
ARB 30200
Advanced Arabic II

Continuation of ARB 30100

prereq: ARB 30100 or equiv.

3 hrs 3 cr.

• World Cultures & Global Issues
• Elective
• Elective

Junior Year
• Elective
• Elective
• Elective
• Elective

• Hunter Focus: Concentrated Study

• ARB 200 level culture course in English

Spring
• ARB 200 level culture course in English
• Elective
• Elective
• Elective
• Elective

Senior Year
Fall
ARB 30000 - Problems in Arabic Literature and Culture
This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the online class schedule.

prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.

3 hours
3 credits

ARB 40100 - Focused Arabic Study for Advanced Students
Pluralism and Diversity
A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

prereq: ARB 30200

3 hrs
3 cr.

• Elective
• Elective
• Elective

Spring
ARB 49000 - The Arabic Senior Capstone
This capstone course is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project in Arabic. Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival surveys; annotated bibliographies; live and/or recorded artistic performances; exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications. The final project will be evaluated mainly on the basis of the level, range, and linguistic accuracy of the Arabic that is used in it.

prereq: ARB 15000 and one 200-level ARB course

coreq: ARB 40100
The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Arabic major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your major requirements and plan your courses. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

**Freshman Year**

**Fall**
- **ENGL 12000** - Expository Writing
  - Hunter Core English Comp (EC)
- **ARB 20100** - Intermediate Arabic I
  - Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.
  - Prereq: ARB 10200 or equiv.

**Spring**
- **ENGL 22000** - Introduction to Writing about Literature (W)
  - Hunter Core English Comp (EC)

This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**prereq:** successful completion of developmental courses, if required
- **3 hrs + conf**
- **3 cr.**

• Math & Quantitative Reasoning
• Scientific World
• Individual & Society/ Social Sciences
ARB 10200 - Beginning Arabic II
Continuation of ARB 10100. The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of the course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview, and a final examination. This class is not for native speakers.

ARB 15000 - Introduction to Modern Arab Cultures
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity (P/D A)
This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well as works of culture such as novels, poetry, plays, music, movies, television shows, and other cultural texts. We will view culture through a variety of prisms such as language, geography, history, and gender.
ARB 30100 - Advanced Arabic I
Emphasis on increased proficiency in reading, speaking and writing Arabic
prereq: ARB 20200 or equiv.
3 hrs 3 cr.

ARB 30200 - Advanced Arabic II
Continuation of ARB 30100
prereq: ARB 30100 or equiv.
3 hrs 3 cr.

ARB 40100 - Focused Arabic Study for Advanced Students
Pluralism and Diversity
P/D A
A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.
prereq: ARB 30200
3 hrs 3 cr.
This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the online class schedule.

**prereq or coreq:** ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEBR 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.

**3 hours**

**3 credits**

**Elective**

**Elective**

**Elective**

**Elective**

**Spring**

**ARB 49000 - The Arabic Senior Capstone**

This capstone course is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project in Arabic. Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival surveys; annotated bibliographies; live and/or recorded artistic performances; exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications. The final project will be evaluated mainly on the basis of the level, range, and linguistic accuracy of the Arabic that is used in it.

**prereq:** ARB 15000 and one 200-level ARB course

**coreq:** ARB 40100

**3 hrs**

**3 cr.**

**Elective**

**Elective**

**Elective**

**Elective**

Greek - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education -
Elementary course in grammar, syntax and morphology of Ancient Greek.

prereq: GRK 10100
3 hrs
3 cr.
offered spring

GRK 21100 - Ancient Greek Reading: Prose
Intermediate-level course in reading Greek prose. Offered in the fall.
prereq: GRK 10200
3 hrs
3 cr.
fall

GRK 21200 - Ancient Greek Reading: Poetry
Intermediate-level course in reading Greek poetry, usually Homer. Offered in the spring.
prereq: GRK 21100
3 hrs
3 cr.
spring

GRK 20200 - Plato
prereq: GRK 11000 or equiv.
3 hrs
3 cr.

GRK 30100 - Plato II
prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30200 - Euripides
prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30300 - Greek Lyric Poetry
prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30400 - Aristophanes and Menander
GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30500 - Attic Orators
prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30700 - Sophocles
prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30800 - Aeschylus
prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30900 - Herodotus
prereq: GRK 202 or equiv.
3 hrs
3 cr.

GRK 31000 - Thucydides
prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 32000 - Topics in Greek Literature
Advanced level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.
prereq: GRK 20200 or equivalent
3 hrs
3 cr.

GRK 42100 - Independent Study in Greek Literature
Advanced level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: GRK 20200 and Department Permission
3 hrs
3 cr.
Depending on prior learning, students may be able to select more advanced LAT courses. See program adviser.

LAT 10100 - Beginning Latin 1

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.

3 hrs. 3 cr. offered fall

3) 6 credits of courses with a CLA or a CLARC prefix

Honors and Tutorials

Departmental honors in classics and tutorials are open only to majors.

CLA 49100 - Honors in Classics

Sr. only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

prereq: ENGL 12000, perm dept.

3 hrs 3 cr. Can serve as one of the 3-credit CLA elective courses.

Degree Map for Greek

Degree Map for Greek and Latin - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education -
The major consists of 24-30 credits. In general, a Hebrew major is required to achieve proficiency in Biblical and/or modern Hebrew literature by successfully completing a minimum of four courses at the 300 level in Hebrew. Courses in Hebraic studies conducted in English may be applied toward partial fulfillment of the Hebrew major provided they are part of a coherent program approved by the head of the division. Qualified students interested in a more intensive program in the field of Hebraic or Judaic studies, particularly those preparing for graduate work in such specialized areas as Semitic languages and civilizations, Jewish history, Biblical studies and archaeology, medieval or modern Hebrew literature, Near Eastern studies or religious studies, should consult a division adviser regarding additional courses and requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education -
100/200 level HEBR courses (12 credits)

300 level HEBR courses (12 credits)

Honors

Opportunity for honors work is available through HEBR 49100 - Honors Project.

Courses in Hebrew

HEBR 10100 - Elementary Hebrew I
Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing.

HEBR 10100 usually not credited without HEBR 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs 3 cr.

HEBR 10200 - Elementary Hebrew II
Continuation of HEBR 10100.
prereq: HEBR 10100 or equiv.

3 hrs 3 cr.

HEBR 10300 - Intensive Elementary Hebrew
Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.

6 hrs 6 cr.

HEBR 10500 - Elementary Biblical Hebrew I
Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew.

Not credited without HEBR 10600

3 hours 3 credits

HEBR 10600 - Elementary Biblical Hebrew II
The second in a series of 4 introductory courses in Biblical Hebrew.
prereq: HEBR 105 or equivalent.

3 hours 3 credits

HEBR 20100 - Intermediate Hebrew I
Continued practice in conversational Hebrew, grammar and composition.
prereq: HEBR 10200 or equiv.

3 hrs 3 cr.
Intermediate Hebrew II

Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.

prereq: HEBR 20100 or equiv.

3 hrs
3 cr.

Intermediate Hebrew

Second Year Hebrew in a single course; equivalent to HEBR 20100 and HEBR 20200. Instruction and practice in reading, writing, and written and oral comprehension. Students may not receive credit for 20300 if they have credit for 20100 or 20200.

prereq: HEBR 10200 or HEBR 10300

6 hrs
6 cr.

Intermediate Biblical Hebrew I

This is the 3rd semester of a 4-semester series of Biblical Hebrew courses.

prereq: Biblical Hebrew 10600 or equivalent.

3 hrs
3 credits

Intermediate Biblical Hebrew II

This is the 4th semester of the 4-semester Biblical Hebrew series.

prereq: HEBR 20500 or equivalent.

3 hrs
3 credits

Selected Studies in Hebrew Literature in Translation

Pluralism and Diversity

PD/C (HEBR 21060 only)

Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.

3 hrs
3 cr.

Masterpieces of Medieval Hebraic Literature in Translation (W)

Hunter Core

Individual and Society (Humanities) - I&S H

Pluralism and Diversity

PD/D

GER 2/C

Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

3 hrs
3 cr.

Readings in Modern Hebrew Literature in Translation (W)
Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr
HEBR 21400 - Maimonides' Guide to the Perplexed
PD/D
GER
3/A
Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.
3 hrs
3 cr
HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World
PD/A
GER
3/A
A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.
prereq: ENGL 12000
3 hrs
3 cr.
HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)
PD/D
GER
3/A
Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr
HEBR 22000 - Israeli Cinema
PD/A
GER
3/A
Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.
HEBR 21344 - Modern Israeli Culture
Hunter Core
World Culture and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hrs
3 cr
HEBR 22100 - Modern Israeli Culture
Hunter Core
World Cultures and Global Issues (WCGI)
A survey of contemporary Israeli culture, exploring topics relating to language, literature, history, rituals, politics, music and education.
prereq: ENGL 12000
3 hrs
3 cr
HEBR 24000 - Introduction to the Old Testament
Hunter Core
World Cultures and Global Issues (WCGI)
A survey of the books of the Old Testament, their form, content and cultural background. Introduction to the tools and methods of modern biblical criticism.
3 hrs
3 cr
HEBR 25000 - Topics in Hebraic Studies
Pluralism and Diversity
PD/C
Survey in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr
HEBR 25900 - Old Testament Religion
Hunter Core
World Cultures and Global Issues (WCGI)
Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.
3 hrs
3 cr
HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)
Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.

3 hrs
3 cr

HEBR 28400
Images of Women in the Old Testament, in Translation

Pluralism and Diversity

PD/C

GER
3/A

Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.

3 hrs
3 cr

HEBR 28600
Ancient Near Eastern Literature and the Bible

Pluralism and Diversity

PD/A

GER
3/A

Comparative study of ancient Near Eastern literature and the Hebrew Bible.

3 hrs
3 cr

HEBR 28800
Ancient Hebraic Folklore

Pluralism and Diversity

PD/A

GER
2/C

Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apocryphal literature and rabbinic Aggada.

3 hrs
3 cr

HEBR 29000
Biblical Archaeology

Hunter Core
Flexible Core: World Culture and Global Issues

Pluralism and Diversity

PD/A

GER
2/C

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

3 hrs
3 cr
HEBR 29200 - The Hebrew Prophets

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity

PD/A
GER

2/C

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.
3 hrs
3 cr

HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Pluralism and Diversity
PD/A
GER

3/A

Study of form, content and religious significance of these two enigmatic masterworks.
3 hrs
3 cr

HEBR 29500 - Ancient Hebrew Law

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER

2/C

Historical and comparative study of Biblical and rabbinic law.
3 hrs
3 cr

HEBR 29600 - The Dead Sea Scrolls in English (W)

Pluralism and Diversity
PD/A
GER

3/A

Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
3 hrs
3 cr

HEBR 31000 - Modern Hebrew Literature I
Pluralism and Diversity

PD/D

GER

3/A

Reading and discussion of selected works in prose and poetry of 19th-century authors.

prereq: HEBR 20200 or equiv. or exemption

3 hrs

3 cr.

HEBR 31100

- Modern Hebrew Literature II

GER

3/A

Reading and discussion of selected works in prose and poetry of 20th-century authors.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr.

HEBR 31500

- Biblical Literature: Pentateuch

Pluralism and Diversity

PD/A

GER

3/A

Selections from Pentateuch.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr.

HEBR 3160

- Biblical Literature: Historical Books

Pluralism and Diversity

PD/A

GER

3/A

Selections from books of Joshua, Judges, Samuel and Kings.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr.

HEBR 31700

- Biblical Literature: Prophetic Books
HEBR 202 or equiv.  3 hrs  3 cr

HEBR 31800 - Biblical Literature: Hagiographa

Selections from Job, Proverbs, Psalms and the five Megillot.

prereq: HEBR 20200 or equiv.

3 hrs  3 cr

HEBR 32000 - The Modern Hebrew Short Story

Extensive reading of short stories from late 19th century to present, illustrating different literary trends.

prereq: HEBR 20200 or equiv.

3 hrs  3 cr

HEBR 22300 - Introduction to Talmudic Literature in Translation

Pluralism and Diversity  PD/A  GER

Introduction to the structure, content, and formation of the Talmudic corpus and the history of its interpretation and application. All texts studied in English translation.

Counts toward Hebrew major and Hebraic Studies Minor.

prereq: ENGL 12000

3 hrs  3 cr

HEBR 32200 - Medieval Literature

Pluralism and Diversity  PD/D  GER

Selections from literature of Golden Age in Spain.

prereq: HEBR 20200 or equiv.

3 hrs  3 cr
HEBR 32300 - Poetry of the Modern Hebrew Renaissance Period
Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32400 - The Modern Hebrew Essay
Pluralism and Diversity
PD/D
GER
3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32500 - History of Modern Hebrew Literature
GER
3/A
Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32600 - Hebrew Poetry Between the Two World Wars
GER
3/A
Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700 - The Modern Hebrew Novel
GER
3/A
Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200
3 hrs
3 cr
HEBR 32800 - Contemporary Hebrew Prose
GER 3/A
prereq: HEBR 20200 or equiv.

HEBR 33100 - Medieval Hebrew Philosophic Texts
GER 3/A
Study of selected chapters of Halevi’s Kuzari and Maimonide’s Moreh Nebukim (Guide to the Perplexed).
prereq: HEBR 20200 or equiv.

HEBR 35100 - Hebrew Grammar and Composition
Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in composition.
prereq: HEBR 20200 or equiv.

HEBR 35700 - Approaches to Main Problems in Hebraic Studies
Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester. There are “unlimited” repeats for this course.
prereq: HEBR 20200 or equiv.

HEBR 39900 - Second Language Acquisition
A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 12000

HEBR 45100 - Selected Studies in Hebrew Literature
Pluralism and Diversity
PD/D
Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement.
There are unlimited repeats for this course.

prereq: HEBR 20200 or equiv, perm division

3 hrs 3 cr

HEBR 49000 - Independent Studies

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester. There are "unlimited" repeats for this course.

prereq: permission of division head

hrs TBA 3 cr

HEBR 49100 - Honors Project

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester. There are "unlimited" repeats for this course.

prereq: Jr/Sr only; perm division

1 sem 3 cr.

Degree Map for Hebrew

Degree Map for Hebrew

Latin - BA

Return to Classical and Oriental Studies

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education -
LAT 20100 - Ovid's Metamorphoses
prereq: LAT 11000 or equiv.

LAT 20200 - Roman Biography
prereq: LAT 11000 or equiv.

LAT 20300 - Vergil's Aeneid
prereq: LAT 11000 or equiv.

LAT 20400 - Cicero's De Senectute
prereq: LAT 11000 or equiv.

LAT 21100 - Latin Reading: Prose
Intermediate level course in reading Latin prose.
prereq: LAT 10200 or LAT 10700

LAT 21200 - Latin Reading: Poetry
Intermediate level course in reading Latin poetry, usually Virgil or Ovid, in alternating semesters. Offered in the Spring. may be taken twice for credit toward the degree if different authors are read and only with departmental permission. Students who have taken LAT 20100 or LAT 20300 must receive departmental permission to take this course.
prereq: LAT 21100; Not open to students who have taken LAT 20100 or LAT 20300.

LAT 22000 - Medieval Latin
prereq: LAT 11000 or equiv.
LAT 30200  Roman Letter
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30300  Roman Comedy
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30400  Roman Satire
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30500  Vergil's Eclogues and Georgics
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30600  Cicero
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30700  Lucretius' De Rerum Natura
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30800  Roman Epic
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30900  Lyric Poetry of the Golden Age
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31000  The Roman Novel
LAT 20100 or equiv. 3 hrs 3 cr.

LAT 31100 - Elegiac Poets
LAT 20100 or equiv. 3 hrs 3 cr.

LAT 31200 - Livy
LAT 20100 or equiv. 3 hrs 3 cr.

LAT 31300 - Caesar
LAT 20100 or equiv. 3 hrs 3 cr.

LAT 31400 - Tacitus
LAT 20100 or equiv. 3 hrs 3 cr.

LAT 32000 - Topics in Latin Literature
Advanced level reading in Latin of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.
LAT 20100 or 20200 or 20300 or equivalent 3 hrs 3 cr.

LAT 42100 - Independent Study in Latin Literature
Advanced level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
LAT 20100 or equiv. and Department Permission 3 hrs 3 cr.

6 credits of GRK including GRK 10100 - Beginning Ancient Greek 1
LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20300
Vergil's Aeneid
prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 20400
Cicero's De Senectute
prereq: LAT 11000 or equiv.
3 hrs
3 cr.

LAT 22000
Medieval Latin
prereq: LAT 11000 or equiv.
3 hrs
3 cr.

offered summer

LAT 30200
Roman Letter
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30300
Roman Comedy
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30400
Roman Satire
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30500
Vergil's Eclogues and Georgics
prereq: LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30600
Cicero
LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30700 - Lucretius' De Rerum Natura

LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30800 - Roman Epic

LAT 20100 or equiv.
3 hrs
3 cr.

LAT 30900 - Lyric Poetry of the Golden Age

LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31000 - The Roman Novel

LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31100 - Elegiac Poets

LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31200 - Livy

LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31300 - Caesar

LAT 20100 or equiv.
3 hrs
3 cr.

LAT 31400 - Tacitus
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 42100
Independent Study in Latin Literature
Advanced level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq:
LAT 20100 or equiv. and Department Permission
3 hrs
3 cr.
Degree Map
Degree Map
Russian - BA
Return to: Classical and Oriental Studies
Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education -
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (24 credits)
The Russian major consists of at least 24 credits chosen among courses in the language beyond RUSS 10200 or RUSS 10300.

Russian Concentrations
There are four possible concentrations within the Russian Major, the requirements for which are outlined below. Students who demonstrate proficiency in Russian through a placement exam may be exempted from some courses.

1. Russian Language Concentration: for students who want to acquire native fluency in spoken and written Russian and a thorough knowledge of Russian literature.
   • RUSS 10100 and RUSS 10200 Elementary Russian - or - RUSS 10300 Elementary Russian for Heritage Speakers (Intensive)
   • 24 credits in courses beyond RUSS 10200 or RUSS 10300.

2. Russian Language and Culture Concentration: for students interested in the arts rather than in language. With the permission of the division head, a limited number of courses in translation may be applied to the major sequence.
   • RUSS 10100 and RUSS 10200 Elementary Russian - or - RUSS 10300 Elementary Russian for Heritage Speakers (Intensive)
   • 24 credits in courses beyond RUSS 10200 or RUSS 10300.

3. Russian and East Central European Studies (RECE) Concentration: For students interested in a variety of disciplines in combination with courses from the Division of Russian and Slavic Studies. Requirements for RECE include
   • Russian or Slavic language proficiency or 6 credits in Russian or Slavic language at the 20200 (intermediate) level or above
   • 18 credits distributed as follows:
     a. Russian or East Central European history (3 cr.);
     b. RECE area political science (3 cr.);
     c. Russian or East Central European literature, culture or arts (3 cr.);
     d. and three additional 200- or 300-level courses chosen from two of the following categories:
        i. anthropology,
        ii. economics,
        iii. geography,
        iv. history,
        v. political science and
        vi. literature, culture or arts.
   • Students should select courses in consultation with their RECE adviser. In addition to their 18- to 24-credit concentration, students are strongly urged to choose 12 minor credits from disciplines related to RECE.

4. Russian Translation Concentration: for students interested in acquiring training in Russian translation in a variety of professional fields. Requirements for the concentration in Russian translation include:
   • RUSS 10100 and RUSS 10200 Elementary Russian - or - RUSS 10300 Elementary Russian for Heritage Speakers (Intensive)
   • 6 credits in Russian language at the intermediate level (RUSS 20100 and RUSS 20200) or 6 credits in the intensive RUSS 20300 for heritage speakers.
RUSS 21500 Translating Culture: Introduction to Theory and Practice

RUSS 30100 Advanced Russian I

RUSS 30200 Advanced Russian II

RUSS 31700 Practical Aspects of Translation

RUSS 31800 Advanced Translation

RUSS 49800 Internship in Russian and Slavic Studies

*Students exempt from the Russian language requirement through proficiency testing or by permission of the Division Head are required to take 6 credits at the 300-level of either:

1. Two language courses from the following courses:
   - RUSS 31200
   - RUSS 31300
   - RUSS 31400
   - RUSS 31500
   - or
   - RUSS 31900

2. Two literature courses in Russian

3. One literature course and one of the above language courses

Degree Maps

• Degree Map for Russian: Russian & East Central European Studies
• Degree Map for Russian Language & Culture
• Degree Map for Russian Language
• Degree Map for Russian Translation

Minor in Arabic and Minor in Arabic Studies

Return to Classical and Oriental Studies

Two 12-credit minors are offered by the Arabic Language, Literature, and Culture Division of the Department of Classical and Oriental Studies: Arabic and Arabic Studies.

Minor in Arabic

The minor in Arabic requires the successful completion of

ARB 20100 - Intermediate Arabic I

Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

prereq: ARB 10200 or equiv.
3 hrs
3 cr.

ARB 20200 - Intermediate Arabic II

Continuation of ARB 20100.

prereq: ARB 20100 or equiv.
3 hrs
3 cr.

ARB 30100 - Advanced Arabic I
Emphasis on increased proficiency in reading, speaking and writing Arabic

**Prereq:** ARB 20200 or equiv.

3 hrs
3 cr.

ARB 30200
Advanced Arabic II
Continuation of ARB 30100

**Prereq:** ARB 30100 or equiv.

3 hrs
3 cr.

or their equivalent as determined by the Arabic Program Head.

ARB 24900
Special Topics in Arabic Dialects

The goal of this course is to teach students oral communication in spoken Arabic, as well as to impart cultural knowledge relevant to a student living in or visiting the Arab World. This course is closed to native speakers and heritage learners of Arabic. The dialect taught in this course will depend on student demand and the instructor.

**Prereq:** ARB 20200

3 hrs
3 cr.

ARB 40100
Focused Arabic Study for Advanced Students

Pluralism and Diversity

P/D A

A 4th-year Arabic course in which we continue ARB 30200’s focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

**Prereq:** ARB 30200

3 hrs
3 cr.

can count toward the minor
Arabic Studies Minor

At least 2 Arabic language classes taken at Hunter

• ARB 10100 Beginning Arabic I
• ARB 10200 Beginning Arabic II
• ARB 24900 Special Topics in Arabic Dialects
• ARB 20100 Intermediate Arabic I
• ARB 20200 Intermediate Arabic II
• ARB 30100 Advanced Arabic I
• ARB 30200 Advanced Arabic II
• ARB 40100 Focused Arabic Study for Advanced Students

or at a program approved by the Arabic Program Head and at least two ARB courses taught in English.

For students who test out of ARB 30200 without having taken any Arabic courses at the university level, the Arabic Studies Minor can be achieved by taking at least 4 courses from the ARB courses taught in English.

Total credits for the minor: 12
Arabic Courses

ARB 10100 - Beginning Arabic I

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language.

Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Language Proficiency Requirement

3 hrs 3 cr.

ARB 10200 - Beginning Arabic II

Continuation of ARB 10100.

The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language.

Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

This class is not for native speakers.

prereq: ARB 10100 or permission of Head of Arabic Program.

3 hrs 3 cr.

ARB 14800 - Beginning Arabic for Heritage Speakers

This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

prereq: perm of division head

3 hrs 3 cr.

ARB 14900 - Spoken Egyptian Arabic

The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt.

This course is closed to native speakers of Arabic.

prereq: ARB 10200 and permission of instructor

3 hours 3 credits

ARB 15000 - Introduction to Modern Arab Cultures

This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs 3 cr.

ARB 20000 - Topics in Arabic Literature and Culture
This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Reading in translation. Specific information on a particular semester's offerings can be found on the online class schedule.

**ARB 20100**
Intermediate Arabic I
Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

**Prereq:** ARB 10200 or equiv.

3 hrs 3 cr.

**ARB 20200**
Intermediate Arabic II
Continuation of ARB 20100.

**Prereq:** ARB 20100 or equiv.

3 hrs 3 cr.

**ARB 24800**
Intermediate Arabic for Heritage Speakers
This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement.

More than ARB 14800, this course will rely on authentic materials not found in any textbook. The course is not open to students who have taken the ARB 10100-30200 sequence.

**Prereq:** ARB 14800 or Arabic Program head's permission

3 hrs 3 cr.

**ARB 24900**
Special Topics in Arabic Dialects
The goal of this course is to teach students oral communication in spoken Arabic, as well as to impart cultural knowledge relevant to a student living in or visiting the Arab World. This course is closed to native speakers and heritage learners of Arabic. The dialect taught in this course will depend on student demand and the instructor.

**Prereq:** ARB 20200

3 hrs 3 cr.

**ARB 25000**
The Arab Novel (in translation) (W)
Hunter Core
Creative Expression (CE)
Pluralism and Diversity (PD/A)
GER 2/C
A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

**Prereq:** ENG 22000 or equiv.

3 hrs 3 cr.

**ARB 25100**
Arab Cinema (in translation)

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

prereq: ENGL 12000 or equivalent
3 hrs 3 credits

ARB 25200 - Literatures from the Islamic World (W)
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.
prereq: ENGL 12000 or equivalent
3 hrs 3 credits

ARB 25300 - Literatures and Cultures of Muslim Spain (W)
Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
A survey of the literary and cultural history of Muslim Spain, 8th-15th century C.E.
prereq: ENGL 12000 or equivalent
3 hrs 3 credits

ARB 25400 - The Arabian Nights East and West (W)
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER
2/C
The course studies not only the stories of the Arabian Nights (1001 Nights), but also the history of the translation and adaptation of the Nights into European languages.
prereq or coreq: ENGL 12000 or equivalent
War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics: Jerusalem; the Green Line; colonialism; 1948; 1967; refugees, diaspora and return; nationalism; resistance; and violence and militarism.

Prereq: ARB 20200 or equiv.

ARB 30200 - Advanced Arabic II
Continuation of ARB 30100
Prereq: ARB 30100 or equiv.

ARB 40100 - Focused Arabic Study for Advanced Students
A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

Prereq: ARB 30200
The Minor in Chinese consists of 12 credits. Students must take four courses at or above CHIN 200 level taught in Chinese. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

Minor in Classical Archaeology

These courses will provide the student with a broad overview of the material cultures of the ancient classical and Near Eastern civilizations and serve as an introduction to the methodologies, investigative techniques and analyses employed in the field of archaeology.

12 credits

1. CLARC 20400 Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)
2. CLARC 22100 Greek Archaeology (W)
3. CLARC 22200 Roman Archaeology I: Etruscans, Monarchy, Republic (W) or CLARC 22300 Roman Archaeology II: The Archaeology of the Roman Empire
4. One other course in Classical Archaeology at the 200- or 300-level.
   - CLARC 22000 Aegean Archaeology (W)
   - CLARC 32100 Archaeology of Egypt (W)
   - CLARC 32200 Archaeology of Mesopotamia and Iran (W)
   - CLARC 32300 Archaeology of Anatolia (W)
   - CLARC 32400 Archaeology of Western Mediterranean
   - CLARC 32500 Archaeology of Eastern Mediterranean (W)
   - CLARC 32800 Theory and Methods in Classical Archaeology (W)
   - CLARC 32900 Problems in Archaeology

Note: CLARC 20400 is a prerequisite for all other Classical Archaeology courses.

Minor in Classical Studies

12 Credits:

1. CLA 10100 Classical Mythology
2. CLA 20100 Greek Civilization (W)
3. CLA 20300 Roman Civilization (W)
One course with a CLA or a CLARC prefix at the 200- or 300-level (e.g., literature in translation or upper-level culture courses or CLARC 20400).

Note: CLA 10100, CLA 20100, and CLA 20300 have no prerequisites.

Minor in Hebraic Studies

Minor: 12 credits

The Hebraic Studies minor requires the successful completion of four HEBR literature and/or culture courses on the 200-level or above, taught in English or in Hebrew. Two Hebrew language courses on 300-level or above may be used toward the minor requirement in lieu of two literature or culture courses.

Minor in Hebrew

The Hebrew minor requires the successful completion of 12 credits at the 200-level or above.

Courses counted toward the Hebrew minor must be either language courses or have Hebrew as their language of instruction.

Minor in Japanese Language

Fall 2019

The Japanese Language Minor seeks to develop students' understanding of the Japanese language at an advanced level. With higher-level language courses, students will be exposed to more complex oral and written Japanese that will lead to a greater fluency in the language.

To this end, the Japanese Language Minor requires completion of a minimum of 12 credits (4 courses). By completing the Japanese Language Minor, students will also have fulfilled the Hunter College language requirement. No grade below B- shall be considered to fulfill the requirements for this minor.

Student must complete the following course:

• JPN 20200 Intermediate Japanese II

Students must take at least three of the following courses or an elective course approved by the department head (9 credit hours total):

• JPN 27100 Japanese Reading: Recitation and Comprehension
• JPN 30100 Advanced Japanese I
• JPN 30200 Advanced Japanese II
• JPN 35100 Advanced Japanese Conversation
• JPN 42103 Independent Study in Japanese

Note: Only one 200-level from the 200-level elective courses listed above can be counted toward the minor.

Students who place out of JPN 20200 will need to complete 12 credits from the elective list.

Effective Spring 2020

The Japanese Language Minor requires completion of a minimum of 12 credits (4 courses). By completing the Japanese Language Minor, students will also have fulfilled the Hunter College language requirement. No grade below B- shall be considered to fulfill the requirements for this minor.
Students must complete the following course:

• JPN 20200 Intermediate Japanese II

Students must take at least three of the following courses or an elective course approved by the department head (9 credit hours total):

• JPN 27100 Japanese Reading: Recitation and Comprehension
• JPN 30100 Advanced Japanese I
• JPN 30200 Advanced Japanese II
• JPN 30400 Special Topics in Japanese Language
• JPN 35100 Advanced Japanese Conversation
• JPN 40400 Advanced Special Topics in Japanese Language
• JPN 42100 Independent Study in Japanese

Minor in Japanese Studies

The Japanese Studies Minor seeks to develop students’ understanding of Japanese culture, while also fostering a broader understanding of Japan’s influence in the world. The required culture classes (JPN 25100 and JPN 25200) will give students a foundation specifically in Japanese culture and society, and the additional elective courses offer students the option to customize the aspects of Japan they want to research. This minor is designed to be flexible and accommodate students who do not take Japanese language classes, but rather have an interest purely in Japanese culture. The majority of classes that satisfy this minor are taught in English, however some Japanese language classes can be used to fulfill it. Students who complete the minor will have a well-rounded perspective on Japanese history and contemporary issues that will give insight into Japan. No grade below B- shall be considered to fulfill these requirements.

Students must complete the following courses (6 credit hours)

• JPN 25100 Japanese Culture Before 1600
• JPN 25200 Japanese Culture Since 1600

Students must take at least two of the following elective courses or an elective course approved by the department head (6 credit hours total)

• JPN 27100 Japanese Reading: Recitation and Comprehension
• JPN 35100 Advanced Japanese Conversation
• JPN 42100 Independent Study in Japanese
• ASIAN 21000 Asians in the U.S.
• ASIAN 22001 Asian American Women Writers
• ASIAN 32001 Nation, Self, and Asian Identity
• ASIAN 35152 Asian American Literature and Pop Culture
• FILM 21355 National Cinema: Asian Cinema
• HIST 27700 East Asia to 1600 (W)
• HIST 27800 East Asia, 1600 to the Present (W)

Note: Students may petition for other courses to fulfill the elective requirement. No more than one class from other campuses or universities may be used to fulfill requirements.

Minor in Latin or Ancient Greek

Greek:
12 credits beyond GRK 10100/ GRK 10200

Latin:
12 credits beyond LAT 10100/ LAT 10200 or LAT 10700

Minor in Russian Language and Minor in Russian Literature and Culture
Courses taken toward the Russian minor could follow two tracks:

- **Track I: Russian Language Minor**
  - Prerequisite: RUSS 20200 or equivalent.
  - Students are expected to take: RUSS 30100 & RUSS 30200; RUSS 31700 or RUSS 31800 or RUSS 31900; plus one literature course taught in Russian.

- **Track II: Russian Literature and Culture Minor**
  - Prerequisite: RUSS 20200 or equivalent.
  - Students are expected to take: RUSS 30100 & RUSS 30200 and two literature or culture courses conducted either in Russian or in English. Literature courses may be substituted for language courses in the Literature and Culture Minor with permission by the head of the program.

**Japanese Courses**

The following are the courses offered in Japanese language and culture.

**Courses in Japanese Language/Culture**

- **JPN 10100 - Elementary Japanese I**
  - Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation. 3 hrs 3 cr.
  - **JPN 10100 not usually credited without JPN 10200.**
  - For details about credit policy, please see Language Proficiency Requirement.

- **JPN 10200 - Elementary Japanese II**
  - Continuation of 10100.
  - Prereq: JPN 10100 or equiv.
  - 3 hrs 3 cr.

- **JPN 20100 - Intermediate Japanese I**
  - Continuation of JPN 10100 - 10200. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study.
  - Prereq: JPN 10200 or equiv.
  - 3 hrs 3 cr.

- **JPN 20200 - Intermediate Japanese II**
  - Continuation of JPN 20100.
  - Prereq: JPN 20100 or equiv.
  - 3 hrs 3 cr.

- **JPN 30100 - Advanced Japanese I**
  - Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.
  - Prereq: JPN 20200 or equiv.
Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.

prereq: JPN 30100 or equiv.

Japanese Culture Before 1600

Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kamakura, and Heian—just to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries—most notably China—to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the coexistence of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.

While this is a two-part course, Japanese Culture Before 1600 (JPN 25100) will not act as a prerequisite for Japanese Culture Since 1600 (JPN 25200).

prereq: ENGL 120

Japanese Culture Since 1600

This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures—their own and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions celebrated today. Art, literature, and social reform will also play important roles throughout the semester.

prereq: ENGL 120

Beginning Arabic I

The goal of this course is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of this class. Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview, and a final examination. This class is not for native speakers. ARB 10100 usually not credited without ARB 10200. For details about credit policy look here: Language Proficiency Requirement.
The goal of this course sequence (ARB 10100/10200) is to begin developing reading, speaking, listening, writing, and cultural skills in Arabic. The course stresses communication using both formal and informal Arabic. Emphasis is also placed on reading authentic texts from Arabic media, listening to and watching audio and video materials, and developing students' understanding of Arab culture. Preparation for class is an essential component of course, allowing us to devote in-class time to communicating in the language rather than talking "about" the language.

Students will be evaluated on attendance and class participation, daily homework assignments, quizzes, skits, a final oral interview and a final examination. This class is not for native speakers.

Prereq: ARB 10100 or permission of Head of Arabic Program. 3 hrs 3 cr.

ARB 14800 - Beginning Arabic for Heritage Speakers
This course is for students of Arab origin who grew up speaking a dialect of Arabic but not reading and writing it. This course will quickly cover the alphabet and then focus on reading and writing in formal Arabic, i.e., the language of the Arabic language media and academe. The course is not open to students who have taken the ARB 10100-30200 sequence.

Prereq: perm of division head. 3 hrs 3 cr.

ARB 14900 - Spoken Egyptian Arabic
The goal of this course is to teach students oral communication in the Egyptian dialect, as well as to impart cultural knowledge relevant to a student living in or visiting Egypt. This course is closed to native speakers of Arabic.

Prereq: ARB 10200 and permission of instructor. 3 hours 3 credits

ARB 15000 - Introduction to Modern Arab Cultures
Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
P/D A
This course will explore the diversity of cultures in the modern Arab World. By "culture" we mean the practices of everyday life as well as works of culture such as novels, poetry, plays, music, movies, television shows and other cultural texts. We will view culture through a variety of prisms such as language, geography, history and gender.

3 hrs 3 cr.

ARB 20000 - Topics in Arabic Literature and Culture
This course will focus on a variety of topics related to the literatures and cultures of the Arab World. Readings in translation. Specific information on a particular semester's offerings can be found on the online class schedule.

Prereq: ENGL 12000 or equivalent. 3 hrs. 3 cr.

ARB 20100 - Intermediate Arabic I
Emphasis placed on reading materials from Arabic media, and expanding vocabulary and grammar skills.

Prereq: ARB 10200 or equiv. 3 hrs 3 cr.
ARB 24800 - Intermediate Arabic for Heritage Speakers

This course is a continuation of ARB 14800. It is also for Heritage Students who can already read and write and who speak one of the dialects with some degree of fluency but have not studied enough formal Arabic to be exempt from the language requirement. More than ARB 14800, this course will rely on authentic materials not found in any text book. The course is not open to students who have taken the ARB 10100-30200 sequence.

Prerequisite: ARB 14800 or Arabic Program head's permission

3 hrs 3 cr.

ARB 24900 - Special Topics in Arabic Dialects

The goal of this course is to teach students oral communication in spoken Arabic, as well as to impart cultural knowledge relevant to a student living in or visiting the Arab World. This course is closed to native speakers and heritage learners of Arabic. The dialect taught in this course will depend on student demand and the instructor.

Prerequisite: ARB 20200

3 hrs 3 cr.

ARB 25000 - The Arab Novel (in translation) (W)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER 2/C

A consideration of Arab novels as a source for understanding issues such as urbanization, war, imperialism, nationalism, gender, as well as the politics of translation.

Prerequisite: ENG 22000 or equiv.

3 hrs 3 cr.

ARB 25100 - Arab Cinema (in translation)

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A
GER 2/D

This course will introduce students to the history of Arab Cinema through readings and weekly screenings of films from all over the Arab World.

Prerequisite: ENGL 12000 or equivalent

3 hrs 3 credits

ARB 25200 - Literatures from the Islamic World (W)
A survey of literary genres and themes from the Islamic World from the 7th to the 15th century.

prereq: ENGL 12000 or equivalent

3 hrs
3 credits

Arab 25300 - Literatures and Cultures of Muslim Spain (W)

Arab 25400 - The Arabian Nights East and West (W)

Arab 25500 - Modern Palestinian Culture

Arab 25600 - Modern Arab Theatre

War and trauma shape modern Palestinian identities as evident in narratives of diaspora and return, nationalism, and militarism. This class introduces and explores the intersections of Palestinian national aspirations and Palestinian fiction, poetry, and film. There will be a focus on geography, as land and borders play a central role in the conflict. In addition, the class will include discussion of the following topics:
Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

Welcoming students of any major or background, this course opens an angle on culture and society in the Arab world through the lens of drama and theatre. Some themes covered: prison, political critique, heritage, and women/gender.

3 hrs
3 cr.

ARB 25700 - Language and Culture in Contemporary North Africa

Pluralism and Diversity

GER

World Cultures and Global Issues (WCGI)

North Africa (Maghreb) is often described as a crossroads of many cultures - Arab, Berber, African, European, and others. Over the course of this semester, we will discuss important issues facing this region, including democratic reform efforts both before and following the Arab spring, Berber language movements and other language debates, colonial and post-colonial struggles, and social and cultural debates surrounding gender and religion. Through readings of key literary, historical, political, and cultural texts, as well as viewing important documentary and fictional film productions, we will examine this fascinating region from multiple vantage points.

prereq: ENGL 12000

3 hrs
3 cr.

ARB 30000 - Problems in Arabic Literature and Culture

This course will focus on a specific area related to the literatures and topics of the Arab World. As a 300-level course, it will cover a narrow spectrum of texts. Readings in translation. Specific information on a particular semester's offerings can be found on the online class schedule.

prereq or coreq: ENGL 12000 and one of the following or permission of the instructor: ANTHC 20100, ARB 20000, ARB 25000W, ARB 25100, ARB 25200W, ARB 25400W, ARTH 26000W, ASIA 22004, ASIA 39013, ASIA 45051, GEOG 27400, HEB 21500W, HIST 27650, HIST 27651, POLSC 26300W, POLSC 26900W, REL 32200W, REL 33700W OR SOC 36200W.

3 hours
3 credits

ARB 30100 - Advanced Arabic I

Emphasis on increased proficiency in reading, speaking and writing Arabic

prereq: ARB 20200 or equiv.

3 hrs
3 cr.

ARB 30200 - Advanced Arabic II

Continuation of ARB 30100

prereq: ARB 30100 or equiv.

3 hrs
3 cr.

ARB 40100 - Focused Arabic Study for Advanced Students

Pluralism and Diversity

A 4th-year Arabic course in which we continue ARB 30200's focus on advanced reading, writing, listening, and speaking in Modern Standard Arabic while incorporating more advanced authentic texts and grammatical structures. The vocabulary in this course continues the trajectory of that in ARB 30100 and ARB 30200 of being less subjective and more academic.

prereq: ARB 30200

3 hrs
3 cr.
This capstone course is intended to have students integrate and synthesize the knowledge of the Arab world that they have developed through previous coursework into a final project in Arabic. Projects may include: academic papers synthesizing primary and secondary sources; artistic and/or documentary videos; source or archival surveys; annotated bibliographies; live and/or recorded artistic performances; exhibitions/installations; literary or cultural criticism; feature-length journalism; reports on services; websites or computer applications. The final project will be evaluated mainly on the basis of the level, range, and linguistic accuracy of the Arabic that is used in it.

prereq: ARB 15000 and one 200-level ARB course
coreq: ARB 40100

3 hrs
3 cr.

ARB 49801, 49802, 49803 - Internship in Arab Studies

Pluralism and Diversity
PD/A

This course will give students real-world experience with Arab/Middle East-related organizations where they can apply their academic and linguistic experience, interact with and serve Arab communities, expand their professional network, and develop skills relevant to future professional jobs. This course may be taken for a maximum total of 6 credits.

prereq: Departmental permission

1-3

CLARC 20400 - Introduction to Classical, Near Eastern, and Egyptian Archaeology (W)

Hunter Core
World Culture and Global Issues (WCGI)
GER

Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

prereq: ENGL 12000

3 hrs
3 cr.

CLARC 22000 - Aegean Archaeology (W)

Pluralism and Diversity
PD/D
GER

3/A

Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.

prereq: ENGL 12000, CLARC 20400

3 hrs
3 cr.

CLARC 22100 - Greek Archaeology (W)

Pluralism and Diversity
PD/D
GER

3/A

Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
ENGL 12000; CLARC 20400
3 hrs
3 cr.

CLARC 22200
Roman Archaeology I: Etruscans, Monarchy, Republic (W)

Pluralism and Diversity
PD/D
GER
3/A
Etruscans and pre-Roman Italy; rise of Rome to the time of Julius Caesar: architecture, painting, sculpture; Pompeii and daily life.

ENGL 12000; CLARC 20300
3 hrs
3 cr.

fall only
CLARC 22300
Roman Archaeology II: The Archaeology of the Roman Empire

The Mediterranean world under the Roman Empire: capital city of Rome and the provinces; architecture, painting, sculpture, Pompeii and daily life.

ENGL 12000; CLARC 20400
3 hrs
3 cr.

CLARC 23000
Field Seminar in Archaeology
Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.
Open only to majors who have completed ENGL 12000 and CLARC 20400.

ENGL 12000, CLARC 20400. Open to majors only; with permission of dept.
1-6 hrs
1-6 cr.

CLARC 32100
Archaeology of Egypt (W)

Pluralism and Diversity
PD/A
GER
3/A
Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.

ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32200
Archaeology of Mesopotamia and Iran (W)

Pluralism and Diversity
PD/A
GER
Sites, cultures, and styles of ancient Mesopotamia and Iran. First cities, tombs of Ur, ziggurats, palaces, Elamites and Persians.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32300 - Archaeology of Anatolia (W)

Pluralism and Diversity

GER
3/A
Sites, cultures, and styles of ancient Anatolia: Catal Huyuk, Troy, the Hittites, royal tombs of Phrygia and Lycia.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32400 - Archaeology of Western Mediterranean

Ancient Sicily, Sardinia, Malta, Spain, and Italy, chiefly in Bronze Age. Main sites and cultures.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32500 - Archaeology of Eastern Mediterranean (W)

Pluralism and Diversity

GER
3/A
The Levant (Syria, Jordan, Lebanon, Israel) and Cyprus, from the Neolithic to the Persian era, ca. 10,000 – 500 BCE.

prereq: ENGL 12000, CLARC 20400
3 hrs
3 cr.

CLARC 32900 - Problems in Archaeology

Exploration in depth of particular area or period in Old World archaeology. Topics vary.

prereq: ENGL 12000; CLARC 20400 and one other CLARC course
3 hrs
3 cr.

CHIN 11100 - Chinese Culture I
Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English. 3 hrs 3 cr.

CHIN 11200 - Chinese Culture II
Emphasis on modern transformation against background of classical tradition. Lectures and readings in English. 3 hrs 3 cr.

CHIN 21100 - Topics in Chinese Culture
Topics include Chinese religion, Buddhism, archaeology, Daoism and theatre. 3 hrs 3 cr.

CHIN 25100 - Topics in Chinese Literature in English Translation (W)
Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms. Prereq: ENGL 12000. 3 hrs 3 cr.

CHIN 35500 - Classical Chinese Fiction in English Translation (W)
Introduction to Chinese fictional writings from early times to 19th century, e.g., Dream of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms. Prereq: ENGL 12000. 3 hrs 3 cr.

CHIN 35700 - Chinese Poetry in English Translation (W)
Major poets from the earliest times to the present day, with emphasis on the Tang period. 

prereq: ENGL 12000

3 hrs
3 cr.

Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.

prereq: at least three courses at the 300 level in the language, ENGL 12000

3 hrs
3 cr.

Elementary Chinese I

Beginning course in Mandarin.

CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

offered fall

Elementary Chinese II

Beginning course in Mandarin.

3 hrs
3 cr.

offered spring

Chinese Writing System and Calligraphy I

Beginning course in learning the basics about writing Chinese characters, methods of analysis, and mastery of common radicals and characters.

3 hours
3 credits

offered fall

Chinese Writing System and Calligraphy II

Continued instruction in topics related to the development of Chinese scripts, printing, and calligraphy, and mastery of additional common characters.

prereq: CHIN 10500 or equivalent

3 hours
3 credits

offered spring

Intensive Elementary Chinese
Equivalent to material covered in CHIN 10100 and CHIN 10200.

6 hrs  
6 cr.

CHIN 20100 - Intermediate Chinese I
Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.
prereq: CHIN 10200 or equiv.

3 hrs  
3 cr.

offered fall

CHIN 20200 - Intermediate Chinese II
Continued reading of literature in baihua.
prereq: CHIN 20100 or equiv.

3 hrs  
3 cr.

offered spring

CHIN 20700 - Intensive Intermediate Chinese
Equivalent to material covered in CHIN 20100 and CHIN 20200.
prereq: CHIN 10200 or 10700

6 hrs  
6 cr.

CHIN 30100 - Journalistic Chinese Literature I
Intensive reading of literature and essays written in journalistic style.
prereq: CHIN 20200 or equiv.

3 hrs  
3 cr.

offered fall

CHIN 30200 - Journalistic Chinese Literature II
Intensive reading and translation of literature written in journalistic style.
prereq: CHIN 30100 or equiv.

3 hrs  
3 cr.

offered spring

CHIN 30300 - Classical Chinese Literature I
Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.
prereq: CHIN 20200 or equiv.

3 hrs  
3 cr.

offered fall
CHIN 30400 - Classical Chinese Literature II
Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.
prereq: CHIN 303 or equiv.
3 hrs 3 cr.
offered spring

CHIN 30600 - 20th-century Chinese Literature
Pluralism and Diversity
Selected readings of leading thinkers and writers.
prereq: CHIN 20200 or equiv.
3 hrs 3 cr.

CHIN 30700 - Classical Chinese Poetry
Pluralism and Diversity
PD/A
Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.
prereq: CHIN 30400 or equiv.
3 hrs 3 cr.

CHIN 31600 - Introduction to Business Translation (Chinese–English)
This course introduces a broad scope of language support services pertaining to the business environment, specifically, to a variety of written documents and face-to-face situations that call for translation between Chinese and English—from official stationery, daily correspondences, and meetings to press releases, press conferences, advertising copies, product manuals, and trade events. Students will learn to support translation, or general interpreting between Chinese and English in the context of business meetings. Through class discussions and

CHIN 31700 - Community Interpreting and Sight Translation, Chinese–English
This course provides a foundational skill-based grounding for the community interpreter who orally translates between English and Mandarin Chinese in both directions. This course will facilitate interpreting practice in a wide array of public, community, and commercial settings—from the adoption interview, real-estate closing, and arbitration proceedings to the pre-trial deposition and parent-teacher conference; the course will also emphasize sight translation, the oral translation of written texts, as a fundamental skill in community interpreting. As part of an experiential learning approach, students will role play and constitute their own "scenarios," practice self- and peer-assessment, and learn the multi-faceted process of interpreting, including note-taking, listening, voice production, the use of verbal and non-verbal cues, memory

CHIN 31800 - Intercultural and Interlingual Discourse in Chinese & English
This course addresses the structural and cultural aspects of language use with focus on dual-language communication involving Chinese and English. Interlingually, the course will explore given structural differences between Chinese and English, including aspects of speech habits (phonology), word-formation (morphology), vocabulary (lexicon), phraseology, and sentence structure (syntax); interculturally, the course will examine how dual-language speakers (and translators) negotiate and shape Chinese and English in the dynamic of time- and place communication, including the navigation of different discourse styles, conventions governing idiom, coherence, or logic, and assumptions about gender relations, and power and status that determine who speaks when, who gets interrupted, and how rhetoric and voice are
expressed in code switching and mixing between Chinese and English. In identifying rule-governed variance and strategies used to mediate differences in communication, students will also develop an articulate understanding of how the two languages function in their separate and yet intertwined evolution.
Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.

prereq: ENGL 12000 recom: CLA 10100

3 hrs 3 cr.

CLA 25400 - The Ancient Novel in Translation (W)

Greek and Roman prose fiction - Petronius' Satyricon, Apuleius' Golden Ass, Achilles Tatius' Leucippe, Longus' Daphnis and Chloe, and Heliodorus' Ethiopian Tale.

prereq: ENGL 22000 or perm instr.

3 hrs 3 cr.

CLA 10100 - Classical Mythology

World Culture and Global Issues (WCGI)

Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.

3 hrs 3 cr.

CLA 20100 - Greek Civilization (W)

Hunter Core

World Culture and Global Issues (WCGI)

Elements of language structure; how languages work; elements of Latin and Greek in English vocabulary.

3 hrs 3 cr.
Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.

prereq: ENGL 12000
3 hrs
3 cr.

CLA 20300 - Roman Civilization (W)
Hunter Core
World Culture and Global Issues (WCGI)

Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.

prereq: ENGL 12000
3 hrs
3 cr.

CLA 24000 - Topics in Classics
Examination of specific areas of classical culture, such as literature, language, or numismatics.

prereq: ENGL 120
3 hrs
3 cr.

CLA 30200 - Comparative Backgrounds of Classical Mythology (W)

Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.

prereq: ENGL 12000; CLA 10100
3 hrs
3 cr.

CLA 30300 - Religion of Ancient Greece (W)

The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.

prereq: ENGL 12000, CLA 10100 or 20100
3 hrs
3 cr.
Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.

Prereq: ENGL 12000; CLA 20100 or 20300

3 hrs 3 cr.

Women and slaves in Greek and Roman society and their influence on Western attitudes about sex and class.

Cross-listed WGSC 30500 (W)

Prereq: ENGL 12000; CLA 20100 or 20300

3 hrs 3 cr.

Examination of specific areas of Greek life. Topics vary from year to year.

Prereq: ENGL 12000

3 hrs 3 cr.

Examination of specific areas of Roman life. Topics vary from year to year.

Prereq: ENGL 12000

3 hrs 3 cr.

The interaction of scientific and magical world views in Greek, Roman and Near Eastern antiquity from the invention of writing to the origins of alchemy.

Prereq: ENGL 12000; CLA 20100 or 20300

3 hrs 3 cr.
Ancient Sports and Spectacles (W)

An exploration of ancient Greek and Roman sports and spectacles, focusing on evidence supplied by literary texts, archaeology, and the visual arts.

prereq: ENGL 12000; CLA 20100 or 20300

3 hrs
3 cr.

Independent Study in Classics

Open to majors only.

prereq: ENGL 12000, perm dept.

1–3 cr.

Honors in Classics

Sr only. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

prereq: ENGL 12000, perm dept.

3 hrs
3 cr.

Internship

prereq: ENGL 12000, perm dept.

1–6 cr.

Hellenistic Civilization (W)

The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.

prereq: ENGL 12000; CLA 20100 or CLARC 20400

3 hrs
3 cr.

Hellenistic Archaeology (W)

The Mediterranean world from Alexander the Great through the rise of Rome; trends in architecture, sculpture, painting, mosaics and city planning, reflecting the period's history and philosophies (ca. 350–31 BCE). Focuses on the sites of Alexandria, Pergamon, Delos, Athens, Rome.

prereq: ENGL 12000 and CLARC 20400

3 hrs
3 cr.
Archaeology as a comprehensive discipline of historical inquiry through analysis of material culture, as studied in the Mediterranean basin and the Ancient Near East. This course includes fieldwork strategies, survey, stratigraphic excavation, ceramic and numismatic analysis, artifact and data processing and documentation, management and protection of cultural heritage.

**GRK 10100** - Beginning Ancient Greek 1

Elementary course in grammar, syntax and morphology of Ancient Greek. 

For credit policy on GRK 10100 without GRK 10200 please see Language Proficiency Requirement. 

3 hrs
3 cr.
offered fall

**GRK 10200** - Beginning Ancient Greek 2

Elementary course in grammar, syntax and morphology of Ancient Greek. 

prereq: GRK 10100

3 hrs
3 cr.
offered spring

**GRK 10700** - Beginning Greek, Intensive

6 hrs
6 cr.
offered summer

**GRK 20200** - Plato

prereq: GRK 11000 or equiv.

3 hrs
3 cr.

**GRK 21100** - Ancient Greek Reading: Prose

Intermediate-level course in reading Greek prose. Offered in the fall. 

prereq: GRK 10200

3 hrs
3 cr.
offered fall

**GRK 21100** - Ancient Greek Reading: Prose
Intermediate-level course in reading Greek prose. Offered in the fall.

prereq: GRK 1

3 hrs
3 cr.

fall

GRK 21200 - Ancient Greek Reading: Poetry

Intermediate-level course in reading Greek poetry, usually Homer. Offered in the spring.

prereq: GRK 21100

3 hrs
3 cr.

spring

GRK 30100 - Plato II

prereq: GRK 20200 or equiv.

3 hrs
3 cr.

GRK 30200 - Euripides

prereq: GRK 20200 or equiv.

3 hrs
3 cr.

GRK 30300 - Greek Lyric Poetry

prereq: GRK 20200 or equiv.

3 hrs
3 cr.

GRK 30400 - Aristophanes and Menander

prereq: GRK 20200 or equiv.

3 hrs
3 cr.

GRK 30500 - Attic Orators

prereq: GRK 20200 or equiv.

3 hrs
3 cr.

GRK 30700 - Sophocles

prereq: GRK 20200 or equiv.

3 hrs
3 cr.
GRK 30800 - Aeschylus
prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 30900 - Herodotus
prereq: GRK 202 or equiv.
3 hrs
3 cr.

GRK 31000 - Thucydides
prereq: GRK 20200 or equiv.
3 hrs
3 cr.

GRK 32000 - Topics in Greek Literature
Advanced level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.
prereq: GRK 20200 or equivalent
3 hrs
3 cr.

GRK 42100 - Independent Study in Greek Literature
Advanced level reading in ancient Greek of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq: GRK 20200 and Department Permission
3 hrs
3 cr.

HEBR 21000 - Selected Studies in Hebrew Literature in Translation
Pluralism and Diversity
PD/C (HEBR 21060 only)
Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement; check with department.
3 hrs
3 cr.

HEBR 21100 - Masterpieces of Medieval Hebraic Literature in Translation (W)
Hunter Core
Individual and Society (Humanities) - I&S H
Pluralism and Diversity
PD/C GER 2/C
Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

3 hrs
3 cr.
HEBR 21200 - Readings in Modern Hebrew Literature in Translation (W)

GER
2/C
Survey of Hebraic literature from Enlightenment movement to present.
3 hrs
3 cr
HEBR 21400 - Maimonides' Guide to the Perplexed

Pluralism and Diversity
PD/D
GER
3/A
Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.
3 hrs
3 cr
HEBR 21500 - Hebraic and Judaic Culture and Thought in the Medieval Islamic World

Pluralism and Diversity
PD/A
GER
3/A
A study of medieval Hebraic and Judaic writings from North Africa and the Middle East in English translation. Emphasis will be given to the traditional as well as the innovative aspects of the material.
prereq: ENGL 12000
3 hrs
3 cr.
HEBR 21800 - Masterpieces of Yiddish Literature in Translation (W)

Pluralism and Diversity
PD/D
GER
3/A
Study of major works in Yiddish literature from Mendele Mocher Seforim to present.
prereq: ENGL 22000
3 hrs
3 cr
HEBR 22000 - Israeli Cinema
The course is designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema. This course will explore discourses on topics concerning the Israeli-Palestinian and Israeli-Arab conflicts, Zionist and post-Zionist trends, socio-economic gaps, religious controversies and aesthetic societal contexts, as well as women's issues. The course will employ a variety of disciplines, including but not limited to formalist and semiotic film theories and literary analysis. The student will gain fundamental insight into Israeli culture. No knowledge of Hebrew is required but can be helpful. Students, who wish to do the reading and discussion in the Hebrew language, may have that option. Course will be conducted in English.
HEBR 25900 - Old Testament Religion

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/C
Comprehensive survey of ancient Israelite religious practice, expression and thought as reflected in Hebrew Bible.

HEBR 28100 - Masterpieces of Ancient Hebraic Literature in Translation (W)

GER
3/A
Study of Hebrew classics and collateral works against background of Jewish history and ancient civilization.

HEBR 28400 - Images of Women in the Old Testament, in Translation

Pluralism and Diversity
PD/C
GER
3/A
Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background and ideological implications.

HEBR 28600 - Ancient Near Eastern Literature and the Bible

Pluralism and Diversity
PD/A
GER
3/A
Comparative study of ancient Near Eastern literature and the Hebrew Bible.

HEBR 28800 - Ancient Hebraic Folklore
Analysis and comparative study of folk beliefs, practices and literature reflected in Hebrew Bible, apocryphal literature and rabbinic Aggada.

3 hrs
3 cr
HEBR 29000 - Biblical Archaeology

Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

3 hrs
3 cr
HEBR 29200 - The Hebrew Prophets

Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical and religious thought.

3 hrs
3 cr
HEBR 29400 - Job, Ecclesiastes and the Human Predicament (W)

Study of form, content and religious significance of these two enigmatic masterworks.

3 hrs
3 cr
HEBR 29500 - Ancient Hebrew Law

Study of ancient Hebrew law in the context of world cultures and global issues.

3 hrs
3 cr
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEBR 29600</td>
<td>The Dead Sea Scrolls in English (W)</td>
<td>Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.</td>
</tr>
<tr>
<td>HEBR 10100</td>
<td>Elementary Hebrew I</td>
<td>Fundamentals of reading, pronunciation and grammar for beginners. Practice in conversation and writing.</td>
</tr>
<tr>
<td>HEBR 10200</td>
<td>Elementary Hebrew II</td>
<td>Continuation of HEBR 10100.</td>
</tr>
<tr>
<td>HEBR 10300</td>
<td>Intensive Elementary Hebrew</td>
<td>Intensive practice in basic skills of Hebrew. Course covers in one semester the material covered in the two semesters of HEBR 10100 and 10200.</td>
</tr>
<tr>
<td>HEBR 10400</td>
<td>Elementary Hebrew for Heritage Speakers</td>
<td>Elementary Hebrew for students who possess some familiarity with the language but who lack systematic background in grammar and/or one or more basic skills. Equivalent of HEBR 10100 - HEBR 10200 or HEBR 10300.</td>
</tr>
<tr>
<td>HEBR 10500</td>
<td>Elementary Biblical Hebrew I</td>
<td>Introduction to Biblical Hebrew alphabet and vowels, basic vocabulary and grammar. No prior knowledge of Hebrew required. This basic course is not recommended for students who have studied or are studying Modern Hebrew. Not credited without HEBR 10600.</td>
</tr>
</tbody>
</table>
HEBR 10600 — Elementary Biblical Hebrew II
The second in a series of 4 introductory courses in Biblical Hebrew.
prereq: HEBR 105 or equivalent.
3 hours 3 credits

HEBR 20100 — Intermediate Hebrew I
Continued practice in conversational Hebrew, grammar and composition.
prereq: HEBR 10200 or equiv.
3 hrs 3 cr.

HEBR 20200 — Intermediate Hebrew II
Intensive practice in conversation, composition and grammar. Selected readings in Hebrew literature.
prereq: HEBR 20100 or equiv.
3 hrs 3 cr.

HEBR 20400 — Intermediate Hebrew For Heritage Speakers
Intermediate Hebrew for students who entered the language sequence with some familiarity with the language while lacking systematic background in grammar and/or one or more basic skills. Intended for students who have completed HEBR 10400. Equivalent of HEBR 20100 - HEBR 20200 or HEBR 20300.
3 hrs 3 cr.

HEBR 20500 — Intermediate Biblical Hebrew I
This is the 3rd semester of a 4-semester series of Biblical Hebrew courses.
prereq: Biblical Hebrew 10600 or equivalent.
3 hours 3 credits

HEBR 20600 — Intermediate Biblical Hebrew II
This is the 4th semester of the 4-semester Biblical Hebrew series.
prereq: HEBR 20500 or equivalent.
3 hours 3 credits

HEBR 20300 — Intensive Intermediate Hebrew
Second Year Hebrew in a single course; equivalent to HEBR 20100 and HEBR 20200. Instruction and practice in reading, writing, and written and oral comprehension. Students may not receive credit for 20300 if they have credit for 20100 and/or 20200.
prereq: HEBR 10200 or HEBR 10300
6 hrs 6 cr.

HEBR 22300 — Introduction to Talmudic Literature in Translation
Introduction to the structure, content, and formation of the Talmudic corpus and the history of its interpretation and application. All texts studied in English translation.

Counts toward Hebrew major and Hebraic Studies Minor.

prereq: ENGL 12000

3 hrs.

3 cr.

HEBR 31000 - Modern Hebrew Literature I

Reading and discussion of selected works in prose and poetry of 19th-century authors.

prereq: HEBR 20200 or equiv. or exemption

3 hrs

3 cr

HEBR 31100 - Modern Hebrew Literature II

Reading and discussion of selected works in prose and poetry of 20th-century authors.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr

HEBR 31500 - Biblical Literature: Pentateuch

Selections from Pentateuch.

prereq: HEBR 20200 or equiv.

3 hrs

3 cr

HEBR 31600 - Biblical Literature: Historical Books

Reading and discussion of selected works in prose and poetry of 20th-century authors.
Selections from books of Joshua, Judges, Samuel and Kings.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr.
HEBR 31700 - Biblical Literature: Prophetic Books
Pluralism and Diversity
PD/A
GER
3/A
Selections from minor and major prophets.
prereq: HEBR 202 or equiv.
3 hrs
3 cr
HEBR 31800 - Biblical Literature: Hagiographa
Pluralism and Diversity
PD/A
GER
3/A
Selections from Job, Proverbs, Psalms and the five Magillot.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32000 - The Modern Hebrew Short Story
Pluralism and Diversity
PD/D
GER
3/A
Extensive reading of short stories from late 19th century to present, illustrating different literary trends.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32200 - Medieval Literature
Pluralism and Diversity
PD/D
GER
3/A
Selections from literature of Golden Age in Spain.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr
HEBR 32300
Poetry of the Modern Hebrew Renaissance Period
Pluralism and Diversity
PD/D
GER
3/A
Study of major works of Bialik, Tschernichovsky, Kahan and Shneour.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32400
The Modern Hebrew Essay
Pluralism and Diversity
PD/D
GER
3/A
Study of selected essays of Ahad ha'Am, Berditchevsky and Frischman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32500
History of Modern Hebrew Literature
GER
3/A
Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32600
Hebrew Poetry Between the Two World Wars
GER
3/A
Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlonsky, Lamdan and Alterman.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 32700
The Modern Hebrew Novel
GER
3/A
Intensive study of a major novel by Agnon, Barash or Hazaz, with collateral readings in other Hebrew novels.
prereq: HEBR 20200 or equiv.
HEBR 32800 - Contemporary Hebrew Prose
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 33100 - Medieval Hebrew Philosophic Texts
Study of selected chapters of Halevi's Kuzari and Maimonide's Moreh Nebukim (Guide to the Perplexed).
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 35100 - Hebrew Grammar and Composition
Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax and practice in composition.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 35700 - Approaches to Main Problems in Hebraic Studies
Explorations in depth of a particular area in Hebraic studies. May be repeated as topics vary from semester to semester.
prereq: HEBR 20200 or equiv.
3 hrs
3 cr

HEBR 37100 - Hebrew Conversation I
Conversation course designed to improve oral proficiency and enable students to hold their own in advanced courses in Hebrew literature.
prereq: HEBR 20100 or 3 years of high school Hebrew or equivalent; intensive practice in spoken language
3 hrs
3 credits

HEBR 37200 - Hebrew Conversation II
Conversation course designed to improve oral proficiency and enable students to hold their own in advanced courses in Hebrew literature.
prereq: HEBR 20100 or 3 years of high school Hebrew; intensive practice in spoken language
HEBR 45100 - Selected Studies in Hebrew Literature

Pluralism and Diversity

Course will concentrate on an author, theme, genre or period in Hebrew literature. May be repeated as topics vary from semester to semester. Some topics may meet a PD requirement. There are unlimited repeats for this course.

prereq: HEBR 20200 or equiv, perm division

3 hrs 3 cr

HEBR 49000 - Independent Studies

Independent research under direction of a member of the division. May be repeated as topics vary from semester to semester. There are "unlimited" repeats for this course.

prereq: permission of division head

hrs TBA 3 cr

HEBR 49100 - Honors Project

Individual study and research in Hebrew literature in consultation with staff member. Honors essay required. May be repeated as topics vary from semester to semester. There are "unlimited" repeats for this course.

prereq: Jr/Sr only; perm division

1 sem 3 cr.

HEBR 39900 - Second Language Acquisition

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.

prereq: at least three courses at the 300 level in the language, ENGL 12000

3 hrs 3 cr

JPN 10100 - Elementary Japanese I

Introduction to reading and writing modern Japanese. Fundamentals of grammar, pronunciation, vocabulary, and conversation. JPN 10100 not usually credited without JPN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs 3 cr.

JPN 10200 - Elementary Japanese II

Continuation of 10100.

prereq: JPN 10100 or equiv.

3 hrs 3 cr.
JPN 20100 - Intermediate Japanese I
Continuation of JPN 10100. Extensive reading and writing practice, including at least 500 additional kanji; advanced grammar study. 
prereq: JPN 10200 or equiv.
3 hrs
3 cr.

JPN 20200 - Intermediate Japanese II
Continuation of JPN 20100.
prereq: JPN 20100 or equiv.
3 hrs
3 cr.

JPN 20400 - Intermediate Special Topics in Japanese Language
3 hrs.
3 cr.

JPN 25100 - Japanese Culture Before 1600
Hunter Core
Individual and Society - Humanities (I&S H)
Pluralism and Diversity
PD/A
GER
2/C
Covering many facets of Japanese culture, this course will focus on the various periods of Japanese history (Jomon, Yayoi, Kofun, and Heian – to name a few) and uncover how many aspects of Japanese culture were shaped. From the influence from nearby countries – most notably China – to its isolationist periods, its mythology, the evolution of its art, the deep-seated love of nature shared by many Japanese, and the evolution of multiple belief systems, Japan is a truly unique country whose culture continues to gain in popularity within the United States. Taught entirely in English.
prereq: ENGL 120
3 hrs
3 cr.

JPN 25200 - Japanese Culture Since 1600
Pluralism and Diversity
PD/A
GER
2/C
This course will focus on Japanese culture after roughly 1600. During this time, Japan was largely isolated from the rest of the world, but specific events led to a mixture of vastly different cultures – that of the Japanese and the Western world, which led to many changes within Japan. Additional major topics include the impact of both World Wars, contemporary Japanese lifestyle, and the various holidays and traditions that are celebrated today. Art, literature, and social reform will also play important roles throughout the semester.
prereq: ENGL 12000
3 hours
3 credits

JPN 26100 - Special Topics in Japanese Culture
Examination of specific areas of classical or contemporary Japanese culture, such as film or literature, and the economic, political, and social conditions that shaped them.

Prereq or coreq: ENGL 12000

3 hrs
3 cr.

JPN 27100 - Japanese Reading: Recitation and Comprehension

This course is targeted at students looking to strengthen their skills in reading and comprehension of Japanese books and periodicals. Additionally, reading aloud will be required in order to improve students' pronunciation and intonation.

Prereq: JPN 20100 (Intermediate Japanese I) or permission from the instructor

3 hrs
3 cr.

JPN 30100 - Advanced Japanese I

Continuation of JPN 20200. Extensive reading and writing practice, including at least 700 additional kanji; advanced grammar study.

Prereq: JPN 20200 or equiv.

3 hrs
3 cr.

JPN 30200 - Advanced Japanese II

Continuation of JPN 30100. Extensive reading and writing practice, including at least 600 additional kanji; advanced grammar study.

Prereq: JPN 30100 or equiv.

3 hrs
3 cr.

JPN 30300 - Special Topics in Japanese Culture

An in-depth examination of the key figures, social circumstances, politics, and various artistic forms that are integral to understanding Japan's traditions and culture.

Prereq: ENGL 12000 and one 200- or 300-level JPN course

3 hrs
3 cr.

JPN 30400 - Special Topics I in Traditional Japanese Culture

An in-depth examination of the key figures, social circumstances, politics, and various artistic forms that are integral to understanding Japan's traditions and culture.

Prereq: ENGL 12000 and one 200 or 300-level JPN course

3 hrs
3 cr.

JPN 30500 - Special Topics in Japanese Language
Building on the foundational knowledge of grammar and writing taught in Japanese 10100 - 20200, this course will teach students ways to apply that knowledge to different areas including Japanese business, literature, news, and media. A primary aim of this course is to help students integrate and apply previous knowledge in real world contexts.

prereq: JPN 20200
3 hrs.
3 cr.

JPN 35100 - Advanced Japanese Conversation
This course is designed for students looking to gain fluency in speaking Japanese in formal and informal situations. Speaking regularly in class is expected. Kanji radicals will also be covered.

prereq: JPN 20200 (intermediate Japanese II) or perm instructor
3 hrs
3 cr.

JPN 40300 - Special Topics In Contemporary Japanese Culture
An in-depth examination of Japanese culture from 1900 to the present. Utilizing Japanese cultural theory, plays, manga, film, and performance writing, this course will examine the relationship of contemporary Japanese culture to shifts in the arenas of arts, society, economy, and politics.

prereq: ENGL 12000 and one 200- or 300-level JPN course
3 hrs
3 cr.

JPN 40400 - Advanced Special Topics in Japanese Language
This course offers an in-depth examination and analysis of the Japanese language through topics such as linguistics, translation, and pedagogy. All of the topics offered in this course are aimed to equip students with practical tools to understand and analyze various topics related to the Japanese language with the aim of use after graduation for employment, graduate studies, and/or study abroad.

prereq or coreq: Any JPN 300 level class
3 hrs.
3 cr.

JPN 42100 - Independent Study in Japanese
This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
1 hr
1 cr.

JPN 42101 - Independent Study in Japanese
This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.
2 hrs
2 cr.

JPN 42102 - Independent Study in Japanese
This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.

This is an independent study course for highly motivated students enrolled in a Japanese minor. Students who take the course should be interested in researching a specific aspect of Japanese culture and/or language. Course repeatable up to 6 credits.

prereq: Students must see an advisor in the Japanese Division before registering for this course and have departmental permission.

3 hrs. 3 cr.

LAT 10100 - Beginning Latin 1

For credit policy on LAT 10100 without LAT 10200, please see Language Proficiency Requirement.

3 hrs. 3 cr.

LAT 10200 - Beginning Latin 2

offered spring

LAT 10700 - Beginning Latin, Intensive

6 hrs. 6 cr.

usually offered spring and summer

LAT 20100 - Ovid's Metamorphoses

prereq: LAT 11000 or equiv.

3 hrs. 3 cr.

LAT 20200 - Roman Biography

prereq: LAT 11000 or equiv.

3 hrs. 3 cr.

LAT 20300 - Vergil's Aeneid

prereq: LAT 11000 or equiv.

3 hrs. 3 cr.

LAT 20400 - Cicero's De Senectute

prereq: LAT 11000 or equiv.

3 hrs. 3 cr.

LAT 21100 - Latin Reading: Prose
Intermediate-level course in reading Latin prose. Offered in the Fall.

prereq: LAT 10200 or LAT 10700

3 hrs 3 cr.
offered fall

LAT 21100 - Latin Reading: Prose

Intermediate-level course in reading Latin prose. Offered in the Fall.

prereq: LAT 10200 or LAT 10700

3 hrs 3 cr.

LAT 21100 - Latin Reading: Prose

Intermediate-level course in reading Latin poetry, usually Virgil or Ovid, in alternating semesters. Offered in the Spring. May be taken twice for credit toward the degree if different authors are read and only with departmental permission. Students who have taken LAT 20100 or LAT 20300 must receive departmental permission to take this course.

prereq: LAT 21100; Not open to students who have taken LAT 20100 or LAT 20300.

3 hrs 3 cr.

LAT 22000 - Medieval Latin

prereq: LAT 11000 or equiv.

3 hrs 3 cr.
offered summer

LAT 30200 - Roman Letter

prereq: LAT 20100 or equiv.

3 hrs 3 cr.

LAT 30300 - Roman Comedy

prereq: LAT 20100 or equiv.

3 hrs 3 cr.

LAT 30400 - Roman Satire

prereq: LAT 20100 or equiv.

3 hrs 3 cr.

LAT 30500 - Vergil's Eclogues and Georgics

or LAT 20300 must receive departmental permission to take this course.
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 30600 - Cicero
prereq:
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 30700 - Lucretius' De Rerum Natura
prereq:
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 30800 - Roman Epic
prereq:
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 30900 - Lyric Poetry of the Golden Age
prereq:
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 31000 - The Roman Novel
prereq:
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 31100 - Elegiac Poets
prereq:
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 31200 - Livy
prereq:
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 31300 - Caesar
prereq:
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 31400 - Tacitus
prereq:
LAT 20100 or equiv.
3 hrs
3 cr.
LAT 32000 - Topics in Latin Literature
Advanced - level reading in Latin of a specific author, group of authors, or group of texts related to a topic. May be taken 3 times for credit.
prereq:
LAT 20100 or 20200 or 20300 or equivalent
3 hrs
3 cr.
LAT 42100 - Independent Study in Latin Literature
Advanced - level reading in Latin of a specific author, group of authors, or group of texts related to a topic in independent studies. May be taken 3 times for credit.
prereq:
LAT 20100 or equiv. and Department Permission
3 hrs
3 cr.
POL 10100 - Elementary Polish
POL 10100 usually not credited without POL 10200. For details about credit policy, please see Language Proficiency Requirement.
2 sems, 6 hrs
6 cr.
POL 10200 - Elementary Polish
6 cr.
POL 20100 - Intermediate Polish I
prereq:
POL 10200
3 hrs
3 cr.
POL 20200 - Intermediate Polish II
prereq:
POL 20100
3 hrs
3 cr.
POL 25000 - Topics in Polish Literature
PLURALISM AND DIVERSITY

Example: the 19th century Polish novel.

3 hrs
3 cr.

POL 30000
- Independent Study in Polish Language and Literature

3 hrs
3 cr.

RUSS 10100
- Elementary Russian

The course introduces students to elementary reading, speaking, listening and writing skills in Russian. The course emphasizes communication skills in Russian, including introduction to Russian culture. Students learn new vocabulary and grammar by reading authentic Russian texts, using audio and visual materials, and through extensive practice in the classroom and the language lab. The course is not intended for heritage or native speakers of Russian, who should instead enroll in RUSS 10300. For details about credit policy, please see Language Proficiency Requirement.

prereq: By departmental permission only.

2 sems, 3 hrs
3 cr. each sem.

RUSS 10200
- Elementary Russian

Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 10100 not credited without RUSS 10200.

2 sems, 3 hrs
3 cr. each sem.

RUSS 10300
- Elementary Russian for Heritage Speakers (Intensive)

Intensive study of the Russian language for heritage speakers who seek to gain literacy in the language. Two semesters in one.

6 hrs
6 cr.

RUSS 20100
- Intermediate Russian I

Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.

prereq: RUSS 10200 or 10300

3 hrs
3 cr.

RUSS 20200
- Intermediate Russian II

Selected readings in Russian literature. Practice in oral and written expression.

prereq: RUSS 20100

3 hrs
3 cr.
RUSS 39900 - Second Language Acquisition
A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12.
prereq: at least three courses at the 300 level in the language, ENGL 120

RUSS 49800 - Internship in Russian and Slavic Studies
Students who enroll in the course can work in corporations, government agencies and non-profit organizations. In addition to gaining work-related skills, students develop contacts for future employment and acquire job-related experience. No more than 6 total internship credits can be taken. 3 credits count toward Russian major or minor.
prereq: Russian 20200 or an equivalent, or by permission of the head of the program; ENGL 120

RUSS 30100 - Advanced Russian I
Mastery of grammar in its application to writing, listening comprehension and oral expression.
prereq: RUSS 20200 or equiv.

RUSS 30200 - Advanced Russian II
GER 3/A
Intensive study of grammar. Consideration of levels of style, problems of idiom and syntax. Oral and written reports.
prereq: RUSS 20200 or equiv

RUSS 31200 - Advanced Russian Conversation I
Conversation and oral exercises; discussions based on readings of social and cultural interest. Introduction to oral interpreting.
prereq: RUSS 20200 or equiv.

RUSS 31300 - Advanced Russian Conversation II
Literary, political, social, scientific vocabulary. Scholarly reports and practical exchanges on selected topics.
prereq: RUSS 20200 or equiv.

RUSS 31400 - Reading Russian I
Reading and critical analysis of selected literary and journalistic texts from various disciplines. Grammar review through reading.

Prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 31500 - Reading Russian II
In-depth study of syntax and idiomatic language to improve reading competency.
Prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 24500 - Russian Folklore: Slavic Myths and Traditions
Common Slavic myths, traditions and social structures.
Prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 24600 - Special Topics in Slavic Literature and Cultures
Sample topic: fairy tales, satire.
Prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 32100 - Russian Short Story and Novella
Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn.
Prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 32200 - Classical Russian Poetry
Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lermontov and Nekrasov.
Prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 32300 - Modern Russian Poetry
Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, Yevtushenko.

Prereq:RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 32400 - Literature of Kievan Rus' and Early Russian Literature through the Age of Classicism

Major literary works of the Kievan period, 968 to 1237: The Primary Chronicle, The Tale of Igor’s Campaign.

Prereq:RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34000 - 19th Century Russian Literature

Pushkin’s Eugene Onegin, Lermontov’s Hero of Our Time, Gogol’s Dead Souls, Turgenev’s Fathers and Sons and others.

Prereq:RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34100 - Tolstoy and Dostoevsky

Major novels of Russia’s two greatest writers. Tolstoy’s War and Peace, Anna Karenina, Dostoevsky’s The Brothers Karamazov and others.

Prereq:RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34200 - Modern Russian Literature

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.

Prereq:RUSS 20200 or equiv.
RUSS 34300 - Russian Theater
Pluralism and Diversity
PD/D
GER
3/A
Development of Russian drama and theater from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov and others.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 34400 - The Silver Age of Russian Literature
Pluralism and Diversity
PD/D
GER
3/A
Major writers and movements of years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 36000 - Russian Women Writers
Pluralism and Diversity
PD/C
GER
3/A
cross-listed WGSA 36100
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 49100 - Honors Project
Open to Russian majors only. Essay.
prereq: RUSS 20200 or equiv.
3 hrs
3 cr.

RUSS 15500 - The Culture of Old Russia
Pluralism and Diversity
PD/D
Religion, art, architecture and daily life in medieval Russia.

prereq:
ENGL 12000
3 hrs
3 cr.

RUSS 15600 - Culture of Imperial Russia: the Age of Empresses

Major cultural movements of the Empire - baroque, classicism, romanticism and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.

cross-listed WGSC 15600
prereq:
ENGL 12000
3 hrs
3 cr.

RUSS 15700 - The Age of the Great Masters

Russian culture as shaped by the great masters of Russian literature, art and music in the late 19th and early 20th centuries.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 15800 - Contemporary Russian Culture

Survey of Russian culture from Stalin to present exploring the relationship between the arts and the state apparatus. Consideration of such figures as Pasternak, Solzhenitsyn, Yevtushenko, Prokofiev, Tarkovsky and the Taganka Theatre.

prereq: ENGL 12000
3 hrs
3 cr.

RUSS 25000 - 19th Century Russian Literature in English Translation (W)
Pushkin's Eugene Onegin, Lermontov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons and others.

prereq:
ENGL 12000
3 hrs
3 cr.

Tolstoy and Dostoevsky in English Translation (W)

Major novels of Russia's two greatest writers. Tolstoy's War and Peace, Dostoevsky's The Brothers Karamazov and others.

prereq:
ENGL 12000
3 hrs
3 cr.

Modern Russian Literature in English Translation (W)

Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov, et al.

Development of Russian drama and theater from early 19th century to present. Griboedov, Chekhov, Pushkin, Gogol and others.

prereq:
ENGL 12000
The Silver Age of Russian Literature in English Translation (W)

Hunter Core
Individual and Society (Humanities)
Pluralism and Diversity
PD/D
GER
2/C

Major writers and movements of the years 1890-1925. Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.

prereq: ENGL 12000

3 hrs
3 cr.

RUSS 25500

Russian Folklore, in Translation (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/C

Common Slavic myths and traditions.

prereq: ENGL 12000

3 hrs
3 cr.

RUSS 25600

Special Topics in Slavic Literatures and Cultures in English Translation

Examples: Writers Behind Bars, Narratives of Adultery

prereq: ENGL 12000

1 hr
1 cr.

RUSS 25700

Masterpieces of Russian Literature in English Translation

Examples: Chekhov's short stories or plays, Nabokov.

prereq: ENGL 12000

1 hr
1 cr.

RUSS 25800

Masterpieces of Russian Literature in English Translation

Example: Pasternak's Dr. Zhivago.

prereq: ENGL 12000
RUSS 25900 - Masterpieces of Russian Literature in English Translation
Examples: Solzhenitsyn's Gulag, Pushkin stories, Gogol stories.

prereq: ENGL 12000

RUSS 26000 - Russian Women Writers in English Translation (W)

Hunter Core
I&S H
Pluralism a
nd Diversity
PD/C
GER
3/A
cross-listed WGSA 26000 (W)

prereq: ENGL 12000

RUSS 27000 - Russian Cinema and Society (W)

Hunter Core
Individual and Society (Social Science)
I&S SS
GER
2/C
Exploration of how Russian cinema affects the cultural aesthetic sensibilities of the Russian people through its influence on Russian literature, theater and painting. Analysis of works of film directors, film theoreticians, writers, theatrical directors and artists.

3 hrs
3 cr.

RUSS 27100 - East European Cinema (W)

Pluralism and Diversity
PD/D
The ways in which East European filmmakers have used the medium of cinema to explore history, culture, politics, and social issues prevalent in their respective societies, starting with the immediate post-World War II period and covering both the Communist era and post-Communist period. By the end of the course students will have acquired critical tools to provide an informed verbal and written analysis of the assigned readings of chapters in history books and other material prior to each class and print out questionnaires for class discussions posted on

3 hrs
3 cr.

RUSS 29300 - Folklore in Translation: A Comparative Study

Hunter Core
World Culture and Global Issues (WCGI)

Informed class participation is strongly encouraged and will positively affect your final term grade.

prereq: ENGL 12000. The exams in this course consist of essay writing.

3 hrs.
3 cr.
Pluralism and Diversity

Folklore of Australia, Oceania, Europe, Africa, North and South America and the Near East will be read in juxtaposition to Russian folklore.

Prereq: ENGL 120

3 hrs

3 cr.

RUSS 29400 - Folklore and Literature (W)

Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

GER

3/A

Students will be introduced to basic concepts of literature and folklore to increase, through a comparative study, their understanding and appreciation of both art forms. Works in English of major Russian writers such as Pushkin, Gogol and Pilnyak will be read in juxtaposition with folklore genres in search of how literary texts mirror folklore subjects. European, African and South American literature and folklore will be introduced or comparative purposes.

Prereq: ENGL 12000

3 hrs

3 cr.

RUSS 29500 - The Vampire in Lore and Literature (W)

Hunter Core

Creative Expression (CE)

GER

2/C

Comparative study of the vampire in various folk and literary traditions from ancient Greece to the 21st century. Characteristics of vampires and their kith and kin in folklore and in classical antiquity. Eastern and Western European vampires in folklore and popular culture; their reinterpretation in literature and basis for their popularity. Readings include J. Sheridan Le Fanu, Bram Stoker, Nicholas Gogol, A.K.

The vampire tradition in films from Murnau's Nosferatu, to Coppola's Dracula, to Hardwick's Twilight.

Prereq: ENGL 22000 or perm dept.

3 hrs

3 cr.

RUSS 29600 - Vladimir Nabokov Between Two Cultures

Hunter Core

Creative Expression (CE)

GER

3/A

Nabokov as a bilingual writer, including major works originally written in Russian and in English: Priglashenie na kazn' (Invitation to a Beheading); Dar (The Gift); Drugie Berega (Other Shores); Speak, Memory; Pnin; Lolita and Pale Fire.

Prereq: ENGL 22000 or perm dept.

3 hrs

3 cr.

RUSS 29700 - The Russian Urban Novel in English Translation (W)

Hunter Core

Individual and Society - Humanities (I&S H)
The interaction of a theme (the city) and a genre (the novel). Crime and Punishment, The Master and Margarita, We and others in their comparative context.

**Prerequisites:**
- ENGL 22000 or permission from the department.

**Credit Hours:**
- 3 hours
- 3 credits

**RUSS 37000 - Independent Study in Slavic Literatures and Cultures**

- **Prerequisites:** ENGL 120
- **Credit Hours:** 3 hours
- 3 credits

**RUSS 31500 - Translating Culture: Introduction to Theory and Practice of Translation**

- **Introduction to the theoretical and practical aspects of translation; overview of historical, political, and cultural aspects of translation in the 20th century. Designed for students interested in translation in any language.**
- **Prerequisites:** ENGL 120
- **Credit Hours:** 3 hours
- 3 credits

**RUSS 31700 - Practical Aspects of Translation**

- **Examination of the lexical, morphological and syntactic aspects of language in translation, focusing on the comparative presentation of these aspects in Russian and English.**
- **Prerequisites:** RUSS 20200 or equivalent.
- **Credit Hours:** 3 hours
- 3 credits

**RUSS 31800 - Advanced Translation**

- **Continuation of RUSS 31700 on an advanced level. Application of the theoretical and practical knowledge of translation to discipline-specific areas, including medical, legal, academic, scientific, and literary translation.**
- **Prerequisites:** ENGL 12000, RUSS 31700 or equivalent; RUSS 20200 or equivalent.
- **Credit Hours:** 3 hours
- 3 credits

**RUSS 31900 - Business Russian**

- **Increase mastery of Russian vocabulary, style and syntax for translating and composing diverse business materials in such fields as finance, insurance, litigation, advertising and labor relations. Conducted in Russian.**
- **Prerequisites:** RUSS 20200 or equivalent.
- **Credit Hours:** 3 hours
- 3 credits

**RUSS 32000 - Medical Translation and Interpretation**

- **An overview of translation for the medical field and related sciences. The course introduces the students to key terminology, skills, as well as ethics of work in this field.**
- **Prerequisites:** RUSS 31700
- **Credit Hours:** 3 hours
- 3 credits
Character (reading and writing), Composition (Writing) and media (listening).

The study of comparative literature prepares students for careers in teaching, interpreting, and translating, as well as those professions that recognize the importance of a broad humanistic education, including law and medicine.

Programs and Courses in Comparative Literature

Honors

Students are eligible for departmental honors if their GPA in the major is no less than 3.5. The student must also take at least 3 credits (but no more than 6 credits) in honors courses offered by the program and approved by the adviser. The offerings of the Comparative Literature Program are determined by the needs of students in the program and the faculty available. For specific information, consult the coordinator.

Coordinator:
Paolo Fasoli
1318 West
(212) 772-5129
pfasoli@hunter.cuny.edu

Program Office:
Comparative Literature Faculty Committee

HEGIS Code: 1503
Comparative Literature - BA

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses Required for the Major (33 credits)

All majors take a core course in methodology, but the remaining classes in a student's program are arranged with the coordinator in an effort to work out a balance between two different bodies of literature, two different literary periods, and two different genres. In addition to comparative literature courses in prose fiction, drama, myth and folklore, literary movements, and literature and the arts, majors may also elect appropriate classes from other literature departments, as well as from such disciplines as history, philosophy, art and anthropology, with the approval of the coordinator. Upon becoming a major, a student will, in consultation with the coordinator, choose one member of the comparative literature committee as an adviser and plan an individualized program. All majors are required to review their programs with their adviser once a semester.

The comparative literature major consists of 33 credits distributed as follows:

A. ENGL 22000

B. Concentration in at least two periods and in two genres.

C. At least 9 credits in COMP-prefixed courses, beginning with the following (all of these courses will be taught in English)

  COMPL 30100
  Seminar: Approaches to Comparative Literature
  Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary.

  Required of all majors in comparative literature.

  3 hrs  3 cr.
D. 21 credits in literature courses distributed so that at least 12 credits are courses studied in the original language (be it a foreign language, if the student is proficient in that language, or English). Courses at the 300 level are strongly preferred, although exceptions may be granted by the adviser.

Honors Students are eligible for departmental honors if their GPA in the major is no less than 3.5. The student must also take at least 3 credits (but no more than 6 credits) in honors courses offered by the program and approved by the adviser. The offerings of the Comparative Literature Program are determined by the needs of students in the program and the faculty available. For specific information, consult the coordinator.

Degree Map for Comparative Literature

COMPL 30100 - Seminar: Approaches to Comparative Literature
Study of selected major works to demonstrate scope and various approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and development of critical vocabulary. Required of all majors in comparative literature.
3 hrs
3 cr.

COMPL 32000 - Comparative Studies in Prose Fiction
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 32100 - Comparative Studies in Prose Fiction
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 33000 - Comparative Studies in Drama
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 33100 - Comparative Studies in Drama
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 34000 - Perspectives on Literature and the Arts
May be taken more than once when content varies.
3 hrs
3 cr.
COMPL 34100 - Perspectives on Literature and the Arts
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 35000 - Comparative Studies in Literary Movements
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 35100 - Comparative Studies in Literary Movements
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 37000 - Comparative Studies in Myth and Folklore
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 37100 - Comparative Studies in Myth and Folklore
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 38000 - Selected Topics in Comparative Literature
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 38100 - Selected Topics in Comparative Literature
May be taken more than once when content varies.
3 hrs
3 cr.

COMPL 39000 - Honors Project
prereq: completion of 9 cr. in COMP prefixed courses
3 hrs
3 cr.

COMPL 39100 - Honors Project
solutions to challenging problems in a variety of contexts. In addition, students are educated in the mathematics of computer science — the
Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM

Graduate Program Coordinator and Adviser: Subash Shankar
1000F North
(212) 650-3392
sshankar@hunter.cuny.edu

Faculty
Computer Science Faculty
HEGIS Code: 0701
Computer Science - BA

Return to: Programs of Study
Return to: Computer Science BA Programs

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR]). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Computer Science, the course that meets CCCR is: CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core Scientific World (SW) GER 2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is prerequisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-requisite for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (40-64 credits)

The computer science major consists of 40-50 credits in CSCI courses and 0-13 credits in MATH/STAT courses. Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Students may obtain Credit by Examination for CSCI 12700, CSCI 13500 and CSCI 15000. See the Computer Science department for details.

Please note that the department of Computer Science does not accept Cr/NC grades in courses required for the Major. All computer science majors (except those following requirements for the Computer Science with Concentration in Bioinformatics - BA) must complete successfully the following courses with a grade of C or better:
Required Math Courses (0 - 13 credits)

MATH 10100 - Algebra for College Students
Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
Prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation
This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.
Prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry
Hunter Core Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH12500 for grade replacement purposes.
Prereq: MATH 10100/101EN or the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.
Prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I
Hunter Core Math/Quantitative Reasoning
GER 1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
Prereq: MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.
Computer Science Requirements (28-39 credits)

**CSCI 12700 - Introduction to Computer Science (STEM)**

Hunter Core Scientific World (SW)
GER 2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
3 cr.

**CSCI 13500 - Software Analysis and Design I**

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

prereq: CSCI 12700 or equivalent and; MATH 12400, or 12500, or 12550, or 15000, or 15200, or 15500.

5 hrs (3 hours lecture, 2 hours recitation)
4 cr.

**CSCI 15000 - Discrete Structures**

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500

4 hrs (3 Lec. 1 Rec.)
4 cr.

**MATH 16000 - Matrix Algebra**

GER 1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

**CSCI 16000 - Computer Architecture I**

GER 3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.

prereq: CSCI 12700, CSCI 15000

3 hrs
3 cr.
Introduction to Applied Statistics

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

Software Analysis and Design II

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.

prereq: CSCI 13500, 15O00; MATH 15000

Computer Architecture II

Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.

prereq: CSCI 13500, 16000 or 24500; MATH 15000

Computer Theory I

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

prereq: CSCI 16000 or 14500; MATH 15000

Software Analysis and Design III

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

prereq: CSCI 23500, MATH 15500
Definitions of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.

Prerequisite: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300

Advanced Applications: A Capstone for Majors

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages.

Prerequisite: All non-elective courses in Computer Science required for graduation or permission of instructor.

Electives (12 credits)

* These courses may be counted for credit in more than one program.

Honors

To graduate from Hunter College with honors in computer science, a student must have at least a 2.7 GPA overall and a 3.5 GPA or better in computer science/math and a grade of A in one of the CSCI 49300 series of courses.

Additional Information

The Computer Science Department will not accept a CR grade in any of the preliminary or required courses for the major (CSCI 13500, CSCI 15000, CSCI 16000, CSCI 23500, CSCI 26000, CSCI 26500, CSCI 33500, CSCI 34000, CSCI 36000). Any student wishing to declare computer science as a major who has received a grade of CR in any of the CSCI courses listed above, must ask the instructor of that course to change the CR grade to the appropriate letter grade. This must be done before the declaration of major form can be authorized.

Please note: A grade of "D" is not considered a passing grade by this department for any of the computer science or math courses required for the major.
The BA in Computer Science

Provides a broad base in the design, implementation and application of computer software systems; a firm grasp of the essentials of computer architecture; and a solid foundation in the theoretical aspects of computer science;

Prepares undergraduates for life after graduation in careers in business, government, and the computer industry or in the pursuit of graduate studies, and;

Exposes students to the excitement and challenge of computing technologies and theory through a variety of advanced topics courses and close participation with faculty in cutting-edge research.

The BA in Computer Science with Concentration in Bioinformatics

In addition to the core objectives cited above, provides a fundamental understanding of the most important aspects of quantitative and computational biology, including a solid background in biology, chemistry, mathematics, statistics and computer science, with an emphasis on quantitative reasoning.

Computer Science with Concentration in Bioinformatics - BA

Return to: Programs of Study

This course of study will provide computer science majors with a fundamental understanding of the most important aspects of quantitative and computational biology, including a solid background in biology, chemistry, mathematics, statistics, and computer science, with an emphasis on quantitative reasoning. Students opting to concentrate in bioinformatics are not required to take CSCI 26000, and CSCI 36000.

Instead of 15 credits of 300-level and 400-level electives, the following requirements must be met:

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of Computer Science, the course that meets CCCR is: CSCI 12700 (Scientific World). Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (57-85 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details. Students may obtain Credit by Examination for CSCI 12700, CSCI 13500 and CSCI 15000. See Computer Science department for details. Please note that the department of Computer Science does not accept Cr/NC grades in courses required for the Major.

I. Introductory Math Courses (0-9 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs 1 cr.
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

**Note:** This course is equivalent to MATH 12500 for grade replacement purposes.

**Prerequisite:** MATH 101 or the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs 4 cr.

**MATH 14000**

**Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**Prerequisite:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs 1 cr.

**Introductory Computer Science Courses (0-7 credits)**

**CSCI 12700**

**Introduction to Computer Science (STEM)**

Hunter Core Scientific World (SW) GER 2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is prerequisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a coreq for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation) 3 cr.

**CSCI 13500**

**Software Analysis and Design I**

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

**Prerequisite:** CSCI 12700 or equivalent and; MATH 12400, or 12500, or 12550, or 15000, or 15200, or 15500.

5 hrs (3 hours lecture, 2 hours recitation) 4 cr.

**II. Students must obtain a grade of C or better in the following courses:**

**A. Computer science component (21-25 credits)**

**CSCI 15000**

**Discrete Structures**
Mathematical background required for computer science. Set

prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500

4 hrs (3 Lec. 1 Rec.)
4 cr.

CSCI 16000
Computer Architecture I

GER 3/B

Boolean algebra, data representation, combinatorial circuits and minimization, sequential circuits.

prereq: CSCI 12700, CSCI 15000

3 hrs
3 cr.

CSCI 23500
Software Analysis and Design II

GER 3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.

prereq: CSCI 13500, 15000; MATH 15000

3 hrs
3 cr.

CSCI 26500
Computer Theory I

GER 3/B

Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.

prereq: CSCI 16000 or 14500; MATH 15000

3 hrs
3 cr.

CSCI 33500
Software Analysis and Design III

GER 3/B

The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including $\text{NP}$-completeness.

prereq: CSCI 23500, MATH 15500

3 hrs
3 cr.

CSCI 34000
Operating Systems

GER 3/B
Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure, and implementation.

Prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300. 3 hrs 3 cr.

CSCI 43500 - Database Management

Hierarchical and network databases; theory of relational databases; normalization theory; query languages.

Prereq: CSCI 33500. 3 hrs 3 cr.

CSCI 49369 - Big Data Technology

The increasing availability of big data has changed fundamental practices in business, health care, policy making, and scientific research. The primary objective of this course is to enable students to efficiently process, manage, reformulate, and mine an extremely large data set. This is an interdisciplinary course that considers data from many different sources. Students are welcome to work with their own interested domains in addition to the required ones.

Prereq: CSCI 13500 and CSCI 23200 or CSCI 43500, or permission of the instructor. 3 hrs 3 cr.

B. Math and statistics component (9-17 credits)

MATH 15000 (STEM) - Calculus I

Hunter Core Math/Quantitative Reasoning

GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

Prereq: MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND co-req MATH 14000; or the appropriate score on a mathematics placement test. 4 hrs 4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core Math/Quantitative Reasoning

GER 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

Prereq: grade of C or better in MATH 15000. 4 hrs 4 cr.

MATH 16000 - Matrix Algebra
Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

STAT 31900 - Bayesian Statistical Inference in the Sciences

Fundamental principles and techniques of probability, statistical inference and data analysis, as pertains to the sciences, especially bioinformatics.
Random variables and their distributions.
Central limit theorem.
Conditional probability, Markov chains and Hidden Markov Models.
Bayesian statistical paradigm and inference using Markov chain Monte Carlo. Computer simulations and data analysis.

prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor). Prerequisites waived for students who have passed STAT 311.

Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs
3 cr

C. Biology component (12 credits)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
3/B
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only
This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

Students are taught the scope and methods of in silico biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics concentration students from all majors.
**CHEM 10600 (STEM) - General Chemistry Laboratory**

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent to one year of general chemistry laboratory.

Primarily for pre-med, medical laboratory sciences and science majors.

**prereq:** CHEM 10200

**coreq:** CHEM 10400

---

**CHEM 22200 - Organic Chemistry Lecture I**

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

**prereq:** CHEM 10400 with a grade of C or better

---

These courses may be counted for credit in more than one program.

**Degree Map**

**Degree Map for Computer Science: Bioinformatics**

A minor in Computer Science consists of 13-14 credits of coursework. These credits include the following required courses:

- **CSCI 12700 - Introduction to Computer Science (STEM)**
  (3 credits, 3 hours)

- **CSCI 13300 - Programming for Everyone**
  (3 credits, 3 hours)

- **CSCI 23200 - Relational Databases and SQL Programming, with Lab**
  (3 credits, 3 hours)

- **CSCI 23300 - Programming Projects Seminar for Minors**
  (1 credit, 2 hours)

In addition, students will be required to take at least one 3 credit elective selected from Computer Science offerings numbered 13500 or above. Although minors may take any Computer Science course numbered 13500 or above, courses that require only one or more of the above courses as prerequisites include:

- **CSCI 13500 - Software Analysis and Design I**
  (4 credits, 5 hours)

- **CSCI 15000 - Discrete Structures**
  (4 credits, 4 hours)

- **CSCI 26700 - Microprocessors and Embedded Systems**
  (3 credits, 3 hours)

- **CSCI 16000 - Computer Architecture I**
  (3 credits, 3 hours)

---

**CSCI 11500 - Computer Technology in Childhood Education**
Students in the QUEST program learn to use software tools and applications that can be infused into the curriculum of the elementary school. This includes focus on information retrieval using Internet resources and use of application packages such as Microsoft Excel, Microsoft PowerPoint, Inspiration, and Timeliner.

**CSCI 12000 - Introduction to Computers**

- Hunter Core: Scientific World (SW)
- GER: 2/E
- Intended for non-majors.
- Basic concepts of computer technology.
- Principles of hardware operation, software, and networking.
- Roles of computers in society, including ethical and legal issues.
- This course cannot be counted towards the CSCI major.
- Prerequisite: none
- 3 hrs
- 3 cr.

**CSCI 12100 - Computers and Money: Quantitative Reasoning in Context**

- Hunter Core: Math and Quantitative Reasoning (MQR)
- GER: 1/B
- Quantitative reasoning tackled from a computer-based perspective and focusing on practical financial topics - stocks, gambling, inflation, diversification, taxes, hedging, saving, real estate, retirement, and others.
- Students take a hands-on, spreadsheet-based approach to understanding issues of money and personal finance.
- This course cannot be counted towards the CSCI major.
- Prerequisite: none
- 3 hrs
- 3 cr.

**CSCI 12700 - Introduction to Computer Science (STEM)**

- Hunter Core: Scientific World (SW)
- GER: 2/E (Non-lab course)
- Overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners.
- Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices.
- This course is pre-requisite to several introductory core courses in the CS Major.
- The course is also required for the CS minor.
- MATH 12500 or higher is strongly recommended as a co-req for intended Majors.
- 3 hrs (1.5 hrs lecture, 1.5 hrs recitation)
- 3 cr.

**CSCI 13200 - Practical UNIX and Programming, with Lab**

- Hunter Core: Scientific World (SW)
- GER: 2/E
- Introduction to computer programming and the UNIX operating system using Perl.
- Conceptual overview of the UNIX operating system and programming environment.
- Practical introduction to shell programming, and the use of UNIX filters and utilities.
- Pragmatic course with an emphasis on skills acquisition.
This course cannot be counted toward the CSCI major.

**Prerequisite:** None

3 hrs 3 cr.

**CSCI 13300 - Programming for Everyone**

Hunter Core, Scientific World (SW), GER 2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs 3 cr.

**CSCI 13500 - Software Analysis and Design I**

This course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language.

**Prerequisite:** CSCI 12700 or equivalent and; MATH 12400, or 12500, or 12550, or 15000, or 15200, or 15500.

5 hrs (3 hours lecture, 2 hours recitation)

4 cr.

**CSCI 15000 - Discrete Structures**

Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

**Prerequisite:** MATH 12400 or 12500 or 12550 or 15000 or 15500

4 hrs (3 Lec. 1 Rec.)

4 cr.

**CSCI 16000 - Computer Architecture I**

GER 3/B

Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.

**Prerequisite:** CSCI 12700, CSCI 15000

3 hrs 3 cr.

**CSCI 17200 - Topics in Creative Problem Solving**

CSCI 172 is a pass/fail (CR/NC) faculty-supervised workshop that meets ten times per semester. Each workshop explores a different applied topic in computer science. An undergraduate peer leader presents slides, guides discussions, and engages the participants in activities that emphasize collaborative problem solving. This course explores the role of teamwork and in-class activities to improve student retention.

Special conditions: The course meets 10 times for 1 hour 15 minutes (75 minutes). Adjusted for credit hours, the semester total is the 15 hours required for a 1-credit course. The class meets on the bell schedule for ten 75-minute sessions per semester. The special conditions are that CSCI 172 meets once rather than twice a week and meets during only ten of the 15 weeks of the semester.

1 hr 1 cr.
Outside internship in practical aspects of computing; e.g., systems programming, biomedical computing, computer-aided instruction. Credits may not be used toward the computer science major.

prereq: declared computer science major with 18 credits completed in the department

1-3 hrs 1-3 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER 3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment.

Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

prereq: CSCI 12700 or CSCI 13200

3 hrs 3 cr.

CSCI 23300 - Programming Projects Seminar for Minors

This course will serve as a capstone for the minor, affording students the opportunity to write reasonably large and complex programs. Students will be expected to draw topics for these programs from their majors or other areas of interest. This course does not count toward the computer science major.

prereq or coreq: CSCI 13300 and 23200 and a declared Computer Science Minor.

2 hrs. 1 credit

CSCI 23500 - Software Analysis and Design II

GER 3/B

Representation of information in computers, including process and data abstraction techniques. Topics covered include static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms and some searching and sorting algorithms.

prereq: CSCI 13500, 15000; MATH 15000

3 hrs 3 cr.
CSCI 24500 - Computer Architecture II
GER 3/B
Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.
prereq: CSCI 145, CSCI 150, MATH 150
3 hrs
3 cr.

CSCI 2600 - Computer Architecture II
GER 3/B
Organization of computer systems and design of system elements, including ALU, memories and interfaces. Some assembly language programming.
prereq: CSCI 13500, 16000 or 24500; MATH 15000
3 hrs
3 cr.

CSCI 26500 - Computer Theory I
GER 3/B
Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata.
prereq: CSCI 16000 or 14500; MATH 15000
3 hrs
3 cr.

CSCI 26700 - Microprocessors and Embedded Systems
GER 3/B
Students will assemble and program a small single board computer to control, or simulate control of, some device.
prereq: CSCI 13300 or 26000
3 hrs
3 cr.

CSCI 27500 - Symbolic Logic
GER 3/B
Sentential logic including symbolizations, truth-value tables, formal derivations. Predicate logic including symbolizations, interpretations, and formal derivations.
cross-listed MATH 27500, PHILO 27500
3 hrs
3 cr.

CSCI 33500 - Software Analysis and Design III
The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis and optimality. Polynomial time complexity classes and theory, including NP-completeness.

prereq: CSCI 23500, MATH 15500

3 hrs
3 cr.

CSCI 34000 - Operating Systems

Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs: their design, internal structure and implementation.

prereq: CSCI 23500, 26000 or 24500; MATH 15500, STAT 11300 or 21300

3 hrs
3 cr.

CSCI 35000 - Artificial Intelligence

A survey of artificial intelligence including search and control, knowledge representation, logic and theorem proving, learning, natural language and AI programming.

prereq: CSCI 235

3 hrs
3 cr.

CSCI 35300 - Machine Learning

Machine learning is the subfield of artificial intelligence that learns to predict and classify from data. This interdisciplinary course explores how a machine learns to predict and classify.

prereq: Prerequisites: CSCI 23500 and CSCI 15000, or permission of the instructor

3 hrs.
3 cr.

CSCI 35500 - Introduction to Linear Programming

Introduction to operations research and game theory. Simplex method; inconsistency, redundancy and degeneracy problems; two-phase method; duality; transportation problems.

prereq: CSCI 235, MATH 160

3 hrs
3 cr.

CSCI 36000 - Computer Architecture III

High performance computer architectures, including massively parallel SIMD and MIMD machines and distributed architectures.
CSCI 36500 - Computer Theory II
Turing machines, Post machines, Post's theorem, Minsky's theorem. Determinism and non-determinism. Undecidability, the halting problem. Recursive function theory.

CSCI 37100 - Advanced Symbolic Logic
A survey of the central results and techniques of meta-logic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem and Church's theorem on undecidability.

CSCI 37200 - Logic and Computers
This course introduces students to logic and its applications to modeling both computer and real-world systems. Topics include various logics and their applications to modeling systems and reasoning for artificial intelligence, along with proof systems and tools for automated or semi-automated reasoning in these logics.

CSCI 37700 - Non-classical Logic
Logic is the systematic and precise study of reasoning—a topic of particular interest to mathematicians and computer scientists as well as philosophers. Philosophers have often functioned as the research and development wing of this collaboration, thinking up and formalizing new logical techniques and systems designed to solve problems that can't be solved by traditional (a.k.a. "classical") logic. This course will be an introduction to some of these non-classical logics, their philosophical motivations, and some of their applications.

CSCI 39100 - Independent Study in Computer Science
Independent work, under the direction of a faculty member, in practical aspects of computing. CSCI 39100 is repeatable up to a total of 6 credits; however, no more than a total of three Independent Study credits may be used toward the computer science major.

CSCI 39200 - Independent Study in Computer Science

GER 3/B

Independent work, under the direction of a faculty member, in practical aspects of computing.

prereq:
declared Computer Science major, perm instr. and dept.

1-3 hrs
1-3 cr.

CSCI 39300 - Independent Study in Computer Science

GER 3/B

Independent work, under the direction of a faculty member, in practical aspects of computing.

prereq:
declared Computer Science major, perm instr. and dept.

1-3 hrs
1-3 cr.

CSCI 39400 - Topics in Computer Science

GER 3/B

An introduction to programming in Python, Perl and PHP.

prereq:
Prerequisites vary by topic and are announced prior to registration.

2 hrs
2 cr.

CSCI 39500 - Topics in Computer Science

GER 3/B

Topics include internet security, web programming, genetic algorithms, expert systems and others.

Prerequisites vary with specific topics and are announced prior to registration.

3 hrs
3 cr.

CSCI 40500 - Software Engineering

GER 3/B

Problems in large-scale software development including functional analysis of information processing systems, system design concepts, timing estimates, documentation and system testing.

prereq:
CSCI 33500

3 hrs
3 cr.

CSCI 41500 - Data Communications and Networks
A broad technical introduction to the components, protocols, organization, industry and regulatory issues that are fundamental to the understanding of contemporary computer networks.

**CSCI 43500 - Database Management**
- GER
- 3/B
- Hierarchical and network databases; theory of relational databases; normalization theory; query languages.
- **prereq:** CSCI 33500
- 3 hrs
- 3 cr.

**CSCI 45000 - Language Translation**
- GER
- 3/B
- The theory and application of language recognition and analysis techniques, as they pertain to both formal programming languages and to natural languages. Includes lexical, syntactic and semantic analysis methods, as well as discussions of efficient data representation.
- **prereq:** CSCI 26500, 33500
- 3 hrs
- 3 cr.

**CSCI 46000 - Advanced Programming Languages**
- GER
- 3/B
- Survey course on the design and implementation of modern programming languages. Includes object-oriented, functional, logic and concurrent/distributed paradigms.
- **prereq:** CSCI 26500, 33500
- 3 hrs
- 3 cr.

**CSCI 49300 - Honors Seminar**
- GER
- 3/B
- Topics include Unix systems programming, computer law, 3D vision, Windows programming, neural networks, speech and language processing, fuzzy systems and other areas. Prerequisites vary with specific topics and are announced prior to registration.
- **prereq:** Prerequisites vary with specific topics and are announced prior to registration.
- 3 hrs
- 3 cr.

**CSCI 49360 - UNIX System Programming**
- GER
- 3/B
- 3 hrs
- 3 cr.
An introduction to the key components of the UNIX application programming interface, including files, processes, terminal control, signals, interprocess communication, the ncurses library, and multi-threading. Includes basic of the internal structure of the UNIX operating system, and selected user-level utilities and commands for efficient programming and working in UNIX.

The increasing availability of big data has changed fundamental practices in business, health care, policy making, and scientific research. The primary objective of this course is to enable students to efficiently process, manage, reformulate, and mine an extremely large data set. This is an interdisciplinary course that considers data from many different sources. Students are welcome to work with their own interested domains in addition to the required ones.

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.

Supervised work under the direction of a faculty member on an original research project. Although student-initiated projects are acceptable, in most cases students will be expected to work within a faculty member's active research area. These courses are repeatable. However, no more than a total of nine (9) Supervised Research credits may be counted toward the computer science major.

A chance for computer science majors to test their mettle on major projects. Working in small groups they will implement systems that involve at least two platforms running programs written in at least three languages.

This course addresses current knowledge about how human brains, human minds, and artificially intelligent machines think. Students will learn about groundbreaking work that will provide insight into people, the apps they rely on, and the robots in their future. Highly recommended for students considering any science major, and for students interested in problem solving.
The Hunter College Dance Department offers an opportunity to pursue a BA degree in dance within the context of a strong liberal arts education. From a campus in the heart of New York City, the dance major or minor student has the unique opportunity of interfacing with many professional dance companies, choreographers, and researchers who live and work in New York. The contemporary dance-based curriculum provides the student with the opportunities to pursue careers in performance, choreography, teaching, arts administration, and production and is unique in its focus on individual creativity and reflection. All dance majors are required to choreograph, perform, and participate actively in the close-knit artistic community. The curriculum is enriched by community outreach performances, repertory classes with New York-based choreographers, guest artist workshops, and internship opportunities. Through our collaboration with Hunter’s School of Education, students can also pursue BA or BA/MA degrees in Dance Education, leading to initial certification as a teacher in New York State.

What can I do with my degree in Dance? Our curriculum provides students with a strong foundation that can lead to professional careers for performers, creators, scholars, educators, and arts advocates.
The BA in Dance at Hunter is open to all students who have been admitted to Hunter College. To be declared a BA Dance Major, students must be admitted into DAN 21500 Ballet 1 or DAN 21000 Contemporary Dance Technique I or higher as determined by placement audition open to all students. The student will meet with the adviser in the Dance Department as soon as they qualify for level 1 technique or higher and every semester thereafter. All Dance majors are required to earn 42 credits minimum in DAN courses and complete all requirements including:

1. Be registered in at least one dance technique course every semester in order to remain a Dance major in good standing, unless granted exemption by the department;
2. Perform in a minimum of 2 student choreographed pieces during their studies at Hunter College;
3. Earn a C grade or better in all courses required for the major (grades below C will not count toward the major.)

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR]). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education -

Courses Required for the Major (42-46 credits)
The BA Dance Degree Curriculum is divided into 4 areas of study:

1. Dance Technique and Performance (20-24 credits minimum)
2. Creative work: Improvisation, choreography, performance (11 credits)
3. Dance Studies (8 credits)
4. Electives (3 credits)

1. Dance Technique and Performance (20-24 credits)
   - Must complete four credits minimum of any style at level I (or the appropriate level for the ability of the student as determined in the placement class) (4)
   - Must complete four credits of dance technique any style in level 3.
   - Must complete eight credits of dance technique any style at level I or higher (8)
   - Must complete two credits of Repertory DAN 43200 (1) and DAN 43300 (1)
   - Students who do not place into a dance technique level 1 class must take DAN 10100 Fundamentals of Contemporary Dance Technique and/or DAN 10500 Fundamentals of Ballet (0-3)

2. Creative Work (11 credits)
   - DAN 12400 Production Crew (.5 x 2)*
   - DAN 22100 Improvisation (1)
   - DAN 22400 Stagecraft (1)
   - DAN 32100 Composition I (2)
   - DAN 42100 Composition II (2)
   - DAN 42200 Dance Workshop (2)
   - DAN 42400 Production (2)
   *Please note that DAN 12400 Production Crew must be taken twice to complete the major.

3. Dance Studies (8 credits)
   - DAN 21300 Basic Musicianship for Dancers (2)
   - DAN 23200 Global Dance History (3)
4. Electives (3 credits)*

Dance Technique Electives

• DAN 15100 Global Dance 1
• DAN 25100 Global Dance 2
• DAN 25200 Special Topics: Traditional Dance I
• DAN 35200 Special Topics: Traditional Dance II

Other Electives

• DAN 34200 Teaching Dance
• DAN 25500 Dance Pedagogy
• DAN 46100 Seminar in Dance
• DAN 48000 Independent Study in Dance
• DAN 49000 Honors in Dance
• DAN 49800 Internship

*Dance Technique and Creative Work courses are repeatable for elective credit.

Note: All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Teacher Education Pathway

Students planning to teach this subject in grades PreK-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Degree Map for Dance BA

Degree Map for Dance

Degree Map for Dance

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate with a Dance major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your major or pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to
Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

**Prerequisite:** Successful completion of developmental courses, if required.

3 hrs + conference

3 cr.

**DAN 10100**

Fundamentals of Contemporary Dance Technique

**GER 2/D**

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**Prerequisite:** N/A

4 hrs.

2 cr.

**HCR**

Math & Quantitative Reasoning

**Foreign Language**

Elementary Level I

**HCR**

Life and Physical Sciences

**Spring**

**ENGL 22000**

Introduction to Writing about Literature (W)

Hunter Core

English Comp (EC)

**GER 2/A**

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**Prerequisite:** ENGL 12000

3 hrs + one additional conference hour

3 cr.

**DAN 10100**

Fundamentals of Contemporary Dance Technique

**GER 2/D**

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**Prerequisite:** N/A

4 hrs.

2 cr.

**DAN 10500**

Fundamentals of Ballet

Introduction to fundamental skills and nomenclature of ballet. May be taken three times for credit with permission of the department.
DAN 21000 - Contemporary Dance Technique I
GER 3/A
Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.
prereq: DAN 10100, perm dept., placement class
4 hrs 2 cr.

DAN 21300 - Basic Musicianship for Dancers
GER 3/A
Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 21000
3 hrs 2 cr.

DAN 22100 - Improvisation
GER 3/A
Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.
prereq: Declaration of Dance Major or Dance Minor
4 hrs 1 cr.
Advanced - beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

**DAN 21000 - Contemporary Dance Technique I**

GER 3/A
Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.

**DAN 23200 - Global Dance History**

Hunter Core
Creative Expression (CE)
Pluralism and Diversity (PD/D)
GER 2/D
Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**DAN 15100 - Global Dance 1**

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.

• Foreign Language - Intermediate Level II
• DAN - Elective

**Junior Year**

**Fall**

**DAN 22000 - Contemporary Dance Technique II**

GER 3/A
Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

**DAN 21500 - Ballet 1**

GER 3/A Advanced - beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

**DAN 32100 - Composition I**

Pluralism and Diversity GER 3/A Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.

**DAN 22400 - Stagecraft**

GER 3/A This course focuses on the practical experience of dance production, including work backstage and other aspects of production. May be taken twice for credit with permission of the department.

**DAN 35000 - Anatomy and Kinesiology for Dancers**

GER 3/A Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.

**HCR - Concentrated Study**
Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

Prereq: DAN 21000, perm dept, or placement class

4 hrs 2 cr.

Intermediate level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.

Prereq: permission of department

4 hrs 2 cr.

This advanced composition course provides a structure for continued choreographic practice leading to public performance. The course concentrates on development of individual artistic voice, refining effective rehearsal practices, and seeing a choreographic project to completion in terms of thematic material, methodology, visual design, and production best practices. May be taken twice for credit with permission of the department.

Prereq or coreq: DAN 42100

4 hrs 2 cr.

Performance of prescribed choreography in lecture/demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin. May be taken two times for credit with permission of the department.

Prereq: permission of dept.

4 hrs 2 cr.

Individual and Society: Humanities

Elective
Senior Year

Fall

DAN 31000 - Contemporary Dance Technique III
Pluralism and Diversity
GER 3/A
Intermediate - advanced movement experience, expansion of technical and aesthetic range; continued in depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.
prereq: DAN 22000, or perm. depart.
4 hrs
2 cr.

DAN 41000 - Contemporary Dance Technique 4
Pluralism and Diversity
GER 3/A
Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken three times for credit with permission of the department.
prereq: permission of department
4 hrs
2 cr.

DAN 22500 - Ballet 2
GER 3/A
Intermediate - level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.
prereq: permission of department
4 hrs
2 cr.

DAN 49800 - Internship
GER 3/A
Open to dance majors with 15 credits in dance from Hunter. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
prereq: DAN 32400
hrs TBA
3-6 cr.

• DAN Elective

Spring
Contemporary Dance Technique III (PLURALISM AND DIVERSITY)

Intermediate - advanced movement experience, expansion of technical and aesthetic range; continued in depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.

Prereq: DAN 22000, or perm. depart.

4 hrs 2 cr.

Contemporary Dance Technique 4 (PLURALISM AND DIVERSITY)

Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken three times for credit with permission of the department.

Prereq: permission of department

4 hrs 2 cr.

Seminar in Dance (GER

Survey of dance careers, grant writing, arts administration, resume writing and relevant topics related to the socio-political climate of our times in relation to art.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Prereq: DAN 31000, DAN 32100

3 hrs 3 cr.

Minor in Dance

The Hunter College Dance Program Minor in Dance (a minimum of 16 required credits) is designed to allow students to pursue a variety of interests in the field, from performance and creative work to analysis, production and pedagogy.

Required courses (a minimum of 16 credits total)

The following 2 courses must be taken prior to declaration of the minor:

Fundamentals of Contemporary Dance Technique (GER 1/D)

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Prereq: N/A
DAN 10200 - Dance in Culture
GER 2/D
Lecture demonstration course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

DAN 21000 - Contemporary Dance Technique I
GER 3/A
Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.

prereq: DAN 10100, perm dept., placement class

DAN 22100 - Improvisation
GER 3/A
Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.

prereq: Declaration of Dance Major or Dance Minor

1 additional dance technique course, selected from the following:
DAN 10500 - Fundamentals of Ballet
Introduction to fundamental skills and nomenclature of ballet. May be taken three times for credit with permission of the department.

DAN 15100 - Global Dance 1
Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.
DAN 22000 - Contemporary Dance Technique II

Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

Prereq: DAN 21000, perm dept, or placement class

DAN 21500 - Ballet 1

Advanced - beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

Prereq: permission of department

DAN 25200 - Special Topics: Traditional Dance I

Pluralism and Diversity

Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

This course only partially fulfills the electives requirement for the Dance BA degree.

Prereq: placement class

DAN 31000 - Contemporary Dance Technique III

Pluralism and Diversity

Intermediate - advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.

Prereq: DAN 22000, or perm. depart.

DAN 41000 - Contemporary Dance Technique IV

Pluralism and Diversity

Advanced movement experience, further expansion of technical, dynamic and aesthetic range; emphasis on clarifying performance intention. May be taken three times for credit with permission of the department.
DAN 22500 - Ballet 2
Intermediate-level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.

DAN 35200 - Special Topics: Traditional Dance II
Pluralism and Diversity
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

Choose 1 additional dance technique course from the following courses:
A minimum of 6 additional credits in Dance (choices must be approved by Dance Faculty Adviser):
- Any DAN course at the 200 level or above (At least one of these must be a 3-credit course)
- Participation on one production crew
- Participation on one production crew team for a fully produced dance program concert

Note: Placement in technique courses above the Fundamentals level is by placement class, the first day of class review, recommendation of instructor, or department permission. Repeated courses may not be counted in these requirements.

DAN 12400 - Production Crew
Production Crew provides students with insights and firsthand experience as a participant in the physical production of theatre. This course allows students to build an understanding and appreciation of the practical function of theatrical production techniques.

prereq: permission of department
DAN 22100 - Improvisation

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.

prereq: Declaration of Dance Major or Dance Minor

4 hrs, 1 cr.

DAN 22400 - Stagecraft

This course focuses on the practical experience of dance production, including work backstage and other aspects of production. May be taken twice for credit with permission of the department.

prereq: perm dept.

3 hrs, 3 hrs open studio, 1 cr.

DAN 32100 - Composition I

Pluralism and Diversity

Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.

prereq: DAN 22100, permission of dept.

4 hrs, 2 hrs open studio, 2 cr.

DAN 42100 - Composition II

Continued application of basic principles of composition; conception, planning and realization of complete dances; preparation of dances for concert by integrating all aspects of production. Two additional hours of open studio are recommended for this course.

prereq: DAN 32100, perm dept.

4 hrs, 2 hrs open studio, 2 cr.

DAN 42200 - Dance Workshop

GER

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.
This advanced composition course provides a structure for continued choreographic practice leading to public performance. The course concentrates on development of individual artistic voice, refining effective rehearsal practices, and seeing a choreographic project to completion in terms of thematic material, methodology, visual design, and production best practices. May be taken twice for credit with permission of the department.

Prereq or coreq: DAN 42100
4 hrs, 2 cr.

Production
GER
3/A
Pra
ctical application of advanced production skills: a design course for advanced dance and choreography students. Tools, techniques and skills required to produce live dance performances. May be taken twice for credit with permission of the department.

Prereq: DAN 22400
3 hrs, 3 hrs open studio
2 cr.

Repertory I
GER
3/A
Open to dance majors and minors only. Performance course for intermediate and advanced students. Students are expected to participate with high level of professionalism and focus. The choreographer and choreographic material change every semester. Some casting may be done via audition. May be taken two times for credit with permission of the department.

Prereq: permission of dept.
3 hrs, 3 hrs open studio
1 cr.

Repertory II
GER
3/A
Open to dance majors and minors only. A dance is learned from professional choreographer’s repertory and performed in concert. Students are expected to participate with high level of professionalism and focus. The choreographer and choreographic material change every semester. Some casting may be done via audition. May be taken two times for credit with permission of the department.

Prereq: permission of dept.
3 hrs, 3 hrs open studio
1 cr.

Lecture/Demonstration Touring Group
GER
3/A
Performance of prescribed choreography in lecture/demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin. May be taken two times for credit with permission of the department.

Prereq: permission of dept.
GER 2/D

Survey of concepts involved in understanding and integrating physicality and creativity through movement. Review of basic skills required for further study. May be taken two times for credit with permission of the department. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be

DAN 10100 - Fundamentals of Contemporary Dance Technique

GER

DAN 10500 - Fundamentals of Ballet

Introduction to fundamental skills and nomenclature of ballet. May be taken three times for credit with permission of the department.

DAN 15100 - Global Dance 1

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.

DAN 21000 - Contemporary Dance Technique I

GER

Analytical and physical study of basic concepts of dance: space, time, dynamics and design. Intermediate development of movement skills and vocabulary as required by professional demands. May be taken three times for a total of 6 credits with permission of the department.

prereq: DAN 10100, perm dept., placement class

DAN 21500 - Ballet 1

GER

Advanced-beginning level. Study of classical ballet vocabulary, basic anatomical concepts, and introduction to stylistic conventions of classical ballet. May be taken three times for credit with permission of the department.

prereq: permission of department

DAN 22000 - Contemporary Dance Technique II

department.
Continued development of analytical and physical study of basic concepts of dance: space, time, dynamics and design. Focus on expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance. May be three times for a total of 6 credits with permission of the department.

Prerequisites:
- DAN 21000, or
- Permission of department

4 hrs
2 cr.

DAN 22500 - Ballet 2
Intermediate level ballet. Continued study of classical ballet vocabulary, and its stylistic conventions. Emphasis on the application of sound anatomical practices, and further artistic development. May be taken three times for credit with permission of the department.

Prerequisite:
- Permission of department

4 hrs
2 cr.

DAN 25100 - Global Dance 2
Expanded progressions in folk forms of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.

Prerequisite:
- DAN 15100

2 hrs 1 cr.

DAN 25200 - Special Topics: Traditional Dance I
Pluralism and Diversity
Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

This course only partially fulfills the electives requirement for the Dance BA degree.

Prerequisite:
- Placement class

4 hrs
2 cr.

DAN 31000 - Contemporary Dance Technique III
Pluralism and Diversity
Intermediate-advanced movement experience, expansion of technical and aesthetic range; continued in-depth study of all concepts of dance. May be taken three times for a total of 6 credits with permission of the department.

Prerequisites:
- DAN 22000, or permission of department

4 hrs
2 cr.

DAN 31500 - Ballet 3
Advanced level ballet technique. Continued study of classical ballet vocabulary, with reference to historic and contemporary stylistic conventions. Emphasis on advanced proficiency of dance concepts, application of sound anatomical practices, and refinement of musicality and artistic interpretation. May be taken four times for a total of 8 credits with permission of the department.
differing teaching methodologies. Students will read, observe and comment on teachers, as well as present their thoughts about the pedagogy of

field work observing and interviewing teachers, studio owners, directors of professional training programs, etc.
DAN 48000 - Independent Study in Dance

In-depth study in area of special interest for qualified students under direction of faculty adviser. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: minimum 15 dance received at Hunter, major GPA 3.0, overall GPA 2.5. Open to dance majors and minors only.

DAN 49000 - Honors in Dance

Open to Jr/Sr Dance majors only. Individual study leading to completion of honors essay or production book in creative performance. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: minimum 18 dance, major GPA 3.5, overall GPA 2.8

DAN 49800 - Internship

Open to dance majors with 15 credits in dance from Hunter. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

prereq: DAN 32400

Programs and Courses in Economics

The department has two undergraduate programs, a BA in Economics and a BS in Accounting, as well as a BA/MA in Economics. All three programs equip students with analytic tools that can be applied in many different careers in both the private and public sectors.

Economics
Economics students become problem solvers. They learn to analyze a situation, figure out what is important and determine what can be abstracted away. The economics curriculum stresses the development of general problem-solving skills: finding, gathering and interpreting information; predicting the consequences of decisions; evaluating alternative courses of action; and analyzing the management of resources in both the public and private sectors. At the same time, economics students learn about the institutions and rules that shape daily life—the monetary system, the stock and bond markets and the regulatory system that mandates warning labels on cigarette packs and seat belts in automobiles.

What can I do with an Economics Degree?

While an undergraduate major in economics does not define the career a graduate may ultimately lead, it provides students with a point of view and a set of skills that will be useful in almost any path taken after graduation. A major in economics is especially valuable for those who plan careers in finance, management, law, journalism, or public policy. Many professional economists also enter government at economic activities of organizations. Professional accountants develop and apply their skills in auditing, taxation, management policy.

Accounting

Accountants specialize in measuring, reporting and interpreting the financial aspects and transactions of businesses, governments, non-profits and other institutions. Accounting provides the information necessary to determine and evaluate both present and projected economic activities of organizations. Professional accountants develop and apply their skills in auditing, taxation, management policy.

What can I do with an Accounting Degree?

Nearly half of all accounting graduates are employed by public accounting firms. Others work for private firms, engage in research and consulting, practice in the government sector or with non-profit entities, or continue their education on the graduate level.

Programs and Courses

Programs and Courses in Economics

Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the department, to identify internship opportunities.

Internships

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the department, to identify internship opportunities.

Administration and Faculty

Chair:
Partha Deb
1529 West
772-5435
dechair@hunter.cuny.edu

Director of Accounting Program:
Wei Yu
1549A West
The degree of bachelor of science (accounting) offered at Hunter College fulfills educational requirements for the CPA examination in New York State. Candidates pursuing licensure in New York State will need to complete 150 college credits including ACCP 49000 - Accounting & Auditing Research. An appropriate master's degree, while not required, is another path to licensure. For information on the accounting degree within four years, a full-time student should begin the accounting major sequence in the upper freshman term, if possible, and no later than the lower sophomore term, by registering for ACC 27100.

Hunter Core Requirement

Note: Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR]). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:
and must be completed with a grade of C, CR or better to be accepted for credit toward fulfillment of the major.

MATH 10100 - Algebra for College Students
Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation
This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.
prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry
Hunter Core Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.
Note: This course is equivalent to MATH 12500 for grade replacement purposes.
prereq: MATH 10100/101EN or the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 14000 - Mathematical Reasoning Workshop
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs 1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs 4 cr.

or

MATH 15200 (STEM) - Calculus for Life and Social Sciences

Limits, continuity and the derivative. The power rule, product and quotient rules, the chain rule, and implicit differentiation. The Mean Value Theorem and the Intermediate Value Theorem. Curve sketching and optimization, and linear approximation. Riemann integral and the Fundamental Theorem of Calculus. Various applications to economics, life sciences, and physical sciences. Students will not be allowed to obtain credit for both MATH 15200 and MATH 15000 (STEM).

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, and coreq MATH 14000; or appropriate score on placement exam.

Not open to students who have taken MATH 15000.

4 hrs 4 cr.

Note: ECO 22000 Techniques of Economic Analysis may also be used to fulfill the calculus requirement.

IMPORTANT: Students who wish to take higher levels of Calculus are advised to take MATH 15000 (STEM) to satisfy the calculus requirement.

Additional Information

Majors are advised to complete MATH 15000 (STEM) (or MATH 15200 (STEM)) and ECO 22100 within their first 75 credits of college work. For students already at or beyond these points when they become majors, such courses should be taken with in the first 12 credits following declaration of the major. The department may waive the requirement of any of the above or other courses upon satisfactory proof of course equivalency. Courses waived through substitution or examination do not provide course credit nor do they count toward the major.

Students may place out of MATH 10100, MATH 101EN, MATH 10150, MATH 12400 (STEM), MATH 12500 (STEM), MATH 12550 (STEM), MATH 14000 and MATH 12500 (STEM) requirements without replacing the credits. See the Department of Mathematics and Statistics for details. Students may place out of MATH 15000 (STEM) or MATH 15200 (STEM) but must replace the course with a 3
Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.

Prereq: upper freshman standing
3 hrs
3 cr.
ACC 27200 - Accounting II
Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.
Effective term spring 2016
Prereq: ACC 27100 with a grade of C or better
3 hrs
3 cr.
ACCP 37100 - Intermediate Accounting I
In-depth study of current concepts relating to accounting for assets and current liabilities.
Effective term spring 2016
Prereq: ACC 27100 and ACC 27200 all with a grade of C or better.
3 hrs
3 cr.
ACCP 37200 - Intermediate Accounting II
Long-term liabilities, investments, revenue recognition; shareholders' equity, dilutive securities and earnings per share, income taxes, pensions, leases.
Effective term spring 2016
Prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better.
4 hrs
4 cr.
ACCP 37300 - Federal Income Taxation
Principles of federal income taxation and the impact of taxes on individuals.
Effective term spring 2016
Prereq: ACC 27100 and ACC 27200 and ACCP 37100, all with a grade of C or better
3 hrs
3 cr.
ACCP 37400 - Managerial Accounting (Cost Accounting)
Accumulation, analysis, presentation and use of cost data by management; budgets.
Effective term spring 2016
Prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better
3 hrs
3 cr.
ACCP 47100 - Advanced Accounting I
Emphasis on preparation and analysis of consolidated statements. Contemporary accounting problems.

**ACCP 47200 - Advanced Accounting II**

Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy.

Effective term: Spring 2016

Prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better

3 hrs

3 cr.

**ACCP 47300 - Business Taxes**

Federal income taxation of partnerships and corporations; other special tax issues.

Effective term: Spring 2016

Prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 and ACCP 37300 all with a grade of C or better

3 hrs

3 cr.

**ACCP 47500 - Auditing**

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.

Prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better

Prereq or coreq: ACCP 47100 with a grade of C or better

4 hrs

4 cr.

**ACCP 49000 - Accounting & Auditing Research**

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.

Prereq: ECO 22100 with a grade of C or CR or better or STAT 21300 with a grade of C or CR or better and ACC 27100, ACC 27200, ACCP 37100, and ACCP 37200 all with a grade of C or better.

Prereq or coreq: ACCP 47500

3 hrs

3 cr.

**Grade Options**

Accounting majors may not use CR/NC grades for any of the 35 accounting credits in the accounting major.

**Additional Information**

An overall Grade Point Average of at least 2.5 must be maintained in these 35 Accounting credits. Students who receive a grade of "D" or lower in any of the eleven required Accounting courses in the Professional Studies Requirement will be allowed to repeat the course only once. In total, students may repeat no more than three Accounting courses for which they received a grade of "D" or lower. Students
Other Professional Studies (36 cr)

Business Law (6 cr

ACC 28000 - Business Law I
Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code. prreq: sophomore standing or perm chair 3 hrs 3 cr.

ACCP 38000 - Business Law II
Legal aspects of business organizations; agency, partnership and corporate relationships. prreq: ACC 28000 with a grade of C, or CR, or better 3 hrs 3 cr.

Statistics (3 cr)
ECO 22100 - Economic Statistics
Hunter Core Mathematics and Quantitative Reasoning GER 1/B Statistical theory applied to business and economic problems; correlation, regression, time series analysis. prreq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500 3 hrs lecture or 2 hr lecture/1 hr discussion 3 cr.

Note: STAT 21300 (STEM) Introduction to Applied Statistics may also be used to fulfill this requirement.

Additional Information:
For students already at or beyond this point when they become majors, the course should be taken within the first 12 credits following declaration of the major.

Finance (6 cr)
Required: ECO 36500 Corporate Finance and one additional course from the following:

ECO 21000 - Money and Banking GER 3/B Monetary and banking principles and practice; current issues; theory and policy. prreq: ECO 20000, 20100 3 hrs 3 cr.

ECO 36600 - Security and Investment Analysis
Operation of the stock market; security analysis and evaluation; economic variables influencing security values.

prereq: ECO 36500
3 hrs
3 cr.

Analysis of Financial Statements

Analysis, interpretation, and use of financial statements.

note: This course does not count as an elective towards the Economics major.

prereq: ECO 37200 and ECO 36500 or adviser's permission
3 hrs
3 cr.

Business Core - Required (12 cr)

ECO 10000 - Introduction to Economics

Presentation of the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.

ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

prereq: Math/Writing Proficient/Non degree students
3 hrs
3 cr.

ECO 20000 - Principles of Microeconomics

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.

May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000
3 hrs
3 cr.

ECO 20100 - Principles of Macroeconomics
May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomic
s, with applications in economic growth; business cycles, inflation, unemployment, and moneta
r policy.

prereq:
Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.

ACCP 47600 - Computer Accounting Systems

prereq:
ACC 27100 and ACC 27200, both with a grade of C or better, and declaration as an accounting major

3 hrs
3 cr.

Business electives (9 cr)
Choose from the following:

• ECO 26000 - Business Organization and Management (offered prior to Spring 2019); course is now ECO 35900 Economics of Business Organization and Management

• Any 300- or 400-level ACCP or ECO course (excluding E

CO 49700 and ECO 49800; Note: ECO 35900 Economics of Business Organization and Management and ACCP 48000 Business Law III

are strongly recommended)

Note:
• Students may not use any course to fulfill the business elective requirement that is also being us
ed to satisfy any other requirement of the Accounting major.
• Students may not use both ECO 26000 and ECO 35900 to fulfill this requirement.

Additional Information
An overall average of at least “C+” (2.3 Grade Point Average) must be maintained in these 36 credits of Other Professional Studies (Business Law, Statistics, Finance, Business Core, and Business
Elective). This requirement is separate and measured independently of the required 2.5 GPA for the 35 Accounting credits.

3 hrs
3 cr.

Students enrolled in the BS (accounting) curriculum may use a CR/NC grade only one time toward the 36 credits in the Other Professional Studies requirement. If a student exceeds this limit, any additional CR grades in these 36 credits will be converted to a grade of C and any additional NC grades in these 36 credits will be converted to a grade of F.

Interdepartmental Fields
Students may take courses in economics as part of an interdepartmental program of study in Latin American and Caribbean studies, environmental studies (geography), women’s and gender studies and Jewish studies. Listings in each area discuss recommended courses.

Internships
Students may receive one credit for internships in government agencies, private firms, and not
profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note

Honors
Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for
ECO 49900 - Honors Project
Jr/Sr only. Supervised individual research and directed reading. Honors essay.
prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair.
3 hrs
3 cr.

Degree Map

Degree Map for Accounting
Degree Map for Economics

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an Economics major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Students who wish to select this major may need additional courses to fulfill the requirements in Mathematics and Statistics. See program details for more information.

Freshman Year

Fall
ENGL 12000 - Expository Writing
Hunter Core English Comp (EC)
GER 1/A
Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.
MATH 12500 (STEM) - Precalculus
Hunter Core Math/Quantitative Reasoning
GER 1/B
Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities.
Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.
ECO 20000 - Principles of Microeconomics
Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor, and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.

May be taken prior to or concurrently with ECO 20100.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.

Foreign Language Elementary Level

US Experience in its Diversity

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core English Comp (EC)

GER 2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000

3 hrs + one additional conference hour
3 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core Math/Quantitative Reasoning

GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

ECO 20100 - Principles of Macroeconomics

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth, business cycles, inflation, unemployment, and monetary and fiscal policy. May be taken prior to or concurrently with ECO 20000.

prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

3 hrs
3 cr.
Foreign Language Elementary Level 2
Creative Expression
Sophomore Year
Fall
ECO 22100 - Economic Statistics
Hunter Core
Mathematics and Quantitative Reasoning
GER
1/B
Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
prereq: Math & Write Proficiency and MATH 1250 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500
3hr lecture or 2hr lecture/1 hr discussion
3 cr.
ECO 200, 300, or 400 Level Elective
Foreign Language Intermediate Level 3
Individual and Society/ Humanities
Elective
Spring
ECO 30000 - Intermediate Microeconomics
GER
3/B
Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.
prereq: ECO 20000, 20100 and MATH 15000 or MATH 15200
3 hrs
3 cr.
World Cultures & Global Issues
Foreign Language Intermediate Level 4
Life and Physical Sciences
Elective
Junior Year
Fall
ECO 30100 - Intermediate Macroeconomics
GER
3/B
Growth, employment and prices in the short and long run; monetary and fiscal policy.

prereq:
ECO 20000, 20100, MATH 15000 or MATH 15200
3 hrs
3 cr.

• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective

Spring
ECO 32100 - Introduction to Econometrics
GER 3/B
Linear and non-linear regression models in economics; statistical methods for estimation and inference.
prereq:
ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 1550
3 hrs
3 cr.

• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Senior Year
Fall
• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Spring
• ECO 200, 300, or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Notes:
• Students placing into MATH 101 or 101EN can still complete the major in four years – sequencing will be shifted by one semester.
• Majors are advised to complete MATH 15000 (STEM) and ECO 22100 within their first 75 credits of college work and ECO 3000 or ECO 30100 within their first 90 credits. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major.
• The remaining 12 credits needed to complete the 30-credit major shall be satisfied by other economics courses offered by the department. No courses in accounting or business law may be credited toward the economics major. No more than 3 credits may be at the 100-level (note: ECO 10000, ECO 19600, and ECO 29600 cannot be counted.)
Economics majors may find both the minor and the Certificate Program in Public Policy of particular interest. The department strongly urges economics majors who plan to go on to graduate or professional school to choose letter grades rather than CR/NC. For motivated students, the department offers the opportunity to complete both the BA and MA degrees simultaneously, where 30 of the 120 credits required for graduation are graduate credits. Please see the Accelerated BA/MA Economics Degree Map.

**Economics - BA**

- **Hunter Core Requirement**: Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student’s advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

- **Courses/CUNY Common Core Requirement**:
  - MATH 12500 (STEM) Precalculus Math & Quantitative Reasoning (MQR)
  - MATH 15000 (STEM) Calculus I Math & Quantitative Reasoning (MQR)
  - MATH 15200 (STEM) Calculus for Life and Social Sciences Math & Quantitative Reasoning (MQR)
  - ECO 10000 Introduction to Economics Individual & Society
  - ECO 20000 Principles of Microeconomics Scientific World
  - ECO 22100 Economic Statistics Math & Quantitative Reasoning (MQR)

  Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Majors**

The Department of Economics offers two Economics majors. The first, discussed below, is the Economics - BA, requiring a minimum of 33 credits. In addition, for motivated students, the department offers the opportunity to complete both the BA and MA degrees simultaneously, where 30 of the 126 credits required for graduation are graduate credits. Students interested in this option should click this link: Economics - BA/MA.

**Grade Options**

The department strongly urges economics majors who plan to go on to graduate or professional school to choose letter grades rather than CR/NC.

**Courses Required for the Major (33 - 46 credits)**

Students may place out of MATH 10100/MATH 101EN, MATH 10150, MATH 12400 (STEM)/MATH 12500 (STEM)/MATH 12550 (STEM), MATH 1400, MATH 15000 (STEM)/MATH 15200 (STEM) and MATH 15500 (STEM) requirements without replacing the credits. See the Mathematics and Statistics department for details.

- **A. Math Sequence (0 - 13 credits)**
  - MATH 10100 - Algebra for College Students
    - Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
    - Prereq: appropriate score on placement exam or exit from appropriate departmental workshop
    - 4 hrs (2 lec, 2 lab)
    - 3 cr.
  - MATH 10150 - Mastery of Symbolic Computation
symbolic skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics. MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400. MATH 12400 (STEM) - College Algebra and Trigonometry Hunter Core Math/Quantitative Reasoning (MQR) This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus. Note: This course is equivalent to MATH 12500 for grade replacement purposes. MATH 12500 (STEM) or MATH 12550. Not credited to students who have previous credit for MATH 15600. MATH 14000 - Mathematical Reasoning Workshop This workshop focuses on developing mathematical thinking skills needed for MATH 15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction. MATH 15000 (STEM) - Calculus I Hunter Core Math/Quantitative Reasoning GER 1/B Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test. MATH 15000 (STEM) or MATH 15200 (STEM) must be completed with a grade of C, or better to be accepted for credit towards the major. MATH 15000 (STEM) is preferred for students who will take additional MATH courses.)
ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

**Prerequisites:**
- Math/Writing Proficient/Non-degree students
- 3 hrs
- 3 cr.

**ECO 20000 - Principles of Microeconomics**

**GER:**
2/B

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.

May be taken prior to or concurrently with ECO 20100.

**Prerequisites:**
- Math and Writing Proficient
- MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500
- ECO 10000
- 3 hrs
- 3 cr.

**ECO 20100 - Principles of Macroeconomics**

**GER:**
2/B

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth, business cycles, inflation, unemployment, and monetary and fiscal policy.

May be taken prior to or concurrently with ECO 20000.

**Prerequisites:**
- Math and Writing Proficient
- MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500
- ECO 10000
- 3 hrs
- 3 cr.

**ECO 22100 - Economic Statistics**

**Hunter Core:**
Mathematics and Quantitative Reasoning

**GER:**
1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

**Prerequisites:**
- Math & Write Proficiency
- MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500
- 3 hr lecture or 2 hr lecture/1 hr discussion
- 3 cr.

**ECO 30000 - Intermediate Microeconomics**

**GER:**
3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets.
Intermediate Macroeconomics

Growth, employment and prices in the short and long run; monetary and fiscal policy.

prereq: ECO 20000, 20100, MATH 15000 or MATH 15200

Introduction to Econometrics

Linear and non-linear regression models in economics; statistical methods for estimation and inference.

prereq: ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 15500 or MATH 25500

Elective courses

The remaining 12 credits needed to complete the 30-credit major shall be satisfied by other economics courses offered by the department. No courses in accounting or business law may be credited toward the economics major. No more than 3 credits in elective courses may be at the 100-level. Students may take an optional capstone experience as part of their electives.

- ECO 49600 Honors Seminar in Economics
- ECO 49900 Honors Project
- ECO 40000 Senior Seminar: The big (economics) picture and getting ready for life after college

Note: These courses may be counted for credit in more than one program. Students planning on taking more than one semester of calculus should take MATH 15000 (STEM) rather than MATH 15200 (STEM).

Additional Information

Majors are advised to complete MATH 15000 (STEM)/MATH 15200 (STEM) and ECO 22100 within their first 75 credits of college work and ECO 30000 or ECO 30100 within their first 90 credits. For students already at or beyond these points when they become majors, such courses should be taken within the first 12 credits following declaration of the major. The department may waive the requirement of any of the above or other courses upon satisfactory proof of course equivalency. Credits from courses waived through substitution or examination do not count toward the major.

The following courses may not be counted toward the major:
ECO 19600, ECO 29600, BUS 26100, BUS 49700.
Students with majors in other departments may take courses in economics as part of an interdepartmental program of study in public policy, Latin American and Caribbean studies, environmental studies (geography), women's and gender studies and Jewish social studies. Listings in each area discuss recommended courses.

Internships

Students may receive one credit for internships in government agencies, private firms, and not-for-profit institutions. The position must provide opportunities for learning about some area of economics, accounting, or business. The course may be taken no more than twice. Credits may not be applied towards the economics or accounting major. Internships will be graded on a CR/NC basis. Note that it is the responsibility of the student, not the Department, to identify internship opportunities.

Honors

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

ECO 49900 - Honors Project
Jr/Sr only. Supervised individual research and directed reading. Honors essay. prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair. 3 hrs 3 cr.

Public Policy

Economics majors may find both the minor and the Certificate Program in Public Policy of particular interest.

Degree Map

Degree Map for Economics

Economics - BA/MA

The Department of Economics offers promising students the opportunity to complete both the BA and MA degrees within 120 credits, 30 of which must be at the graduate level. Students who wish to declare the BA/MA major must have a 3.0 average in Economics and in the cumulative index.

- Economics - BA
  - Economics - MA

A minimum grade of B in the following, or their equivalents

ECO 30000 - Intermediate Microeconomics

GER 3/B - Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare. prereq: ECO 20000, 20100 and MATH 15000 or MATH 15200 3 hrs 3 cr.

ECO 32100 - Introduction to Econometrics
Linear and non-linear regression models in economics; statistical methods for estimation and inference.

prereq: ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 15500 or MATH 25500

3 hrs
3 cr.

A minimum grade of C in the following, or their equivalents
MATH 15000 (STEM) - Calculus I

Hunter Core Math/Quantitative Reasoning

GER 1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

Continuing in the program is contingent upon maintaining a 3.0 GPA in economics and the cumulative index and receiving
A minimum grade of B in ECO 30100 - Intermediate Macroeconomics

GER 3/B
Growth, employment and prices in the short and long run; monetary and fiscal policy.
prereq: ECO 20000, 20100, MATH 15000 or MATH 15200

3 hrs
3 cr.

An average grade of B in MATH 15000 (STEM) - Calculus I

Hunter Core Math/Quantitative Reasoning

GER 1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

MATH 16000 - Matrix Algebra
Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

Prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs

3 cr.

All students in the BA/MA program must complete the following, or their equivalents, as well as the courses listed above:

MATH 15500 (STEM) - Calculus II

Hunter Core - Math/Quantitative Reasoning

GER 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

Prereq: grade of C or better in MATH 15000

4 hrs

4 cr.

MATH 16000 - Matrix Algebra

GER 1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.

Prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs

3 cr.

Additional Information

An undergraduate major in economics is normally required. Thomas Hunter Honors Program students may be admitted without declaring an undergraduate economics major, provided that the above courses are completed. To apply, see the graduate adviser.

Honors:

Students with a 3.5 GPA in a major offered by the department and an overall 2.8 GPA at the beginning of their upper senior semester may apply for departmental honors at that time. Completion of the following and submission of an honors paper are required. Honors papers are written under faculty supervision and must be approved by a second reader as well. GPA levels must be maintained for the award of departmental honors.

Note: Students enrolled in the BA/MA program may substitute enrollment in ECO 798 and an MA thesis for ECO 49900 and the Honors paper.

ECO 49900 Honors Project

Please note:

Modifications in these programs are awaiting approval by CUNY and NY State. Please consult the department for details.
Minor in Accounting

A minor in accounting is available. These courses may be used for CPLicensure in New York State, but represent only 15 of the 69 credits required.

Minor in Economics

The economics minor consists of a minimum of 12 credits, including ECO 20000 - Principles of Microeconomics, ECO 20100 - Principles of Macroeconomics and two other courses in economics. Accounting and business law courses do not count towards the economics minor.

Business Studies Certificate

The Certificate in Business Studies, a 15-credit program housed in the Economics department, consists of courses drawn from several departments. While the best foundation for any career is a liberal arts education, many students want to supplement their liberal arts education with business-specific skills and a credential signaling those skills to potential employers. We rely on businesses in New York City for work opportunities for students, and on the Cooperman Pre-Business Center for coordination of internships and workshops in business skills.

Eligibility

• Full-time students currently enrolled at Hunter College who have earned 25-95 credits. A minimum of 1/3 of these credits must have been earned at Hunter College. Graduate students and individuals with advanced degrees are not eligible to apply. Successful applicants will show evidence of the following:
  • Academic excellence and a minimum 3.2 cumulative GPA
  • Demonstrated interest in business
  • Required prerequisite course ECO 10000

Students selected for the Program must maintain a minimum overall GPA of 3.0.

Note: BA/MA candidates are in fact undergraduates, and therefore eligible.

Application

• An electronic copy of their resumé, highlighting extra-curricular activities and interests
• An electronic copy of their official transcript
One essay of 650 words or fewer, answering the following three questions:

• What are you doing today that demonstrates your interest in business?

• What are your professional aspirations upon graduating Hunter?

• How will participating in the Business Studies Certificate help you achieve these goals?

Based on written applications, select students may be invited to interview with the Business Certificate Admissions Committee. The Admissions Committee will select applicants subject to available resources. We expect to limit enrollment to 30 students per year, at least initially.

Curriculum

The certificate program will include three required 3-credit courses, plus one elective drawn from existing courses at the college and a 3-credit internship with a 3-credit capstone course.

Required Courses

ECO 10000 - Introduction to Economics

Hunter Core Individual and Society (Social Sciences) - I&S SS GER

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.

ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

prereq: Math/Writing Proficient/Non degree students

3 hrs
3 cr.

BUS 22500 - Survey of Accounting

An introductory accounting survey course designed specifically for non-majors to gain understanding of business terminology and the role of accounting in business environment. It will specifically focus on providing students with the ability to understand and effectively analyze financial information using the financial statements of a company (as an external user), as well as internal company information that will enhance business decision-making process such as budgeting (as an internal user), combining both financial and managerial accounting areas. It will also briefly introduce the basics of non-profit accounting while highlighting differences between for-profit and non-profit accounting information needs and presentations.

For non-accounting majors only.

Course is used in the Hunter Business Certificate and in the Hunter Arts Management Certificate.

prereq: Not open to undergraduate Accounting majors.

3 hrs.
3 cr.

BUS 26100 - Introduction to Entrepreneurship

Business enterprise fundamentals through the lens of a new business; identifying market opportunities to meet consumer need and create economic value in a new way; methods to convert an opportunity into a viable new business. Does not count toward the Economics and Accounting majors.

prereq:
ECO 22100 or MATH 10000 or MATH 10200 or MATH 10400 or MATH 12500 or MATH 15000 or MATH 15500 or STAT 11300 or STAT 21200 or STAT 21300.

3 hrs.
3 cr.

BUS 49700 - Business Studies Capstone and Internship
The capstone experience for the Business Certificate is an internship in which students will do meaningful work and have opportunities to learn about the broader organization in order to develop an overview of the business and its challenges. The Internship seminar is designed to help students reflect on their collective experiences and gain a more global perspective on multiple businesses, their goals, and their role in helping to achieve those goals. Does not count for economics or accounting majors. Permission based on fulfillment of all other certificate course requirements and having a qualifying (96 hours or more over 15 weeks) internship or job in place.

**Course is used in the Hunter Business Certificate.**

**prereq:**

Department permission required.

3 hrs.

3 cr.

**Elective**

Students choose one course from the following courses:

**Technology and Data**

CSCI 12700 - Introduction to Computer Science (STEM)

Hunter Core

Scientific World (SW)

GER 2/E (Non lab course)

This course presents an overview of computer science (CS) with an emphasis on problem-solving and computational thinking through 'coding': computer programming for beginners. Other topics include: organization of hardware, software, and how information is structured on contemporary computing devices. This course is pre-requisite to several introductory core courses in the CS Major. The course is also required for the CS minor. MATH 12500 or higher is strongly recommended as a co-req for intended Majors.

3 hrs (1.5 hrs lecture, 1.5 hrs recitation)

3 cr.

CSCI 13300 - Programming for Everyone

Hunter Core

Scientific World (SW)

GER 2/E

A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary. This course is required for Computer Science minors. This course does not count toward the computer science major.

3 hrs

3 cr.

ECO 22100 - Economic Statistics

Hunter Core

Mathematics and Quantitative Reasoning

GER 1/B

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

prereq:

Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500

3hr lecture or 2hr lecture/1 hr discussion

3 cr.
POLSC 20600 - Research Design in Political Science (W)

GER 3/B

Public opinion surveys, content analysis, legislative roll call analysis, census data, election returns. Introduction to statistics. Uses Social Science Data Lab.

prereq: passing college proficiency exam in math or perm instr; ENGL 12000 or its equivalent

3 hrs 3 cr.

SOC 24100 - Social Statistics

GER 3/B

Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.

prereq: SOC 10100

3 hrs 3 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core Math/Quantitative Reasoning

GER 1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Students are expected to analyze real data sets and write reports.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam

prereq or coreq: ENGL 12000

3 hrs 3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core Math/Quantitative Reasoning

GER 1/B

Sampling, estimation, tests of hypotheses, including one and two sample tests, two and three way tables for nominal and ordinal data, linear regression, analysis of variance through two way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs 3 cr.

URBS 31100 - Quantitative Approaches to Urban Analysis

GER 3/B
A survey of quantitative methods used to analyze urban policy and plans. Students are taught about demography, data analysis, and benefits cost analysis.

**Prerequisites:**
Open only to urban studies majors who have completed the URBS 10100/10200 sequence or with permission of the instructor.

**Course Information:**
3 hours
3 credits

**Marketing and Communication**

**MEDPL 20100** - Reporting and Writing I (W)
An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

**Prerequisites or Co-requisites:**
MEDIA 18000

**Course Information:**
3 hours
3 credits

**MEDP 28500** - Web Production I
An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.

**Prerequisites:**
MEDP/FILMP 15000

**Course Information:**
3 hours
3 credits

**PSYCH 33200** - Attitudes and Persuasion
This course reviews basic theory and research applications on attitudes and attitude change processes, including how attitudes are measured, used to predict behavior, and to persuade individuals.

**Prerequisites:**
ENGL 12000; PSYCH 24900 or 25000; and PSYCH 21000 - or - 23000

**Course Information:**
3 hours
3 credits

**SOC 31300** - Consumer Behavior
GER 3/B
Individual and social perspectives on consumer decision making. Social patterns of consumption and consumer social movements.

**Prerequisites:**
SOC 10100

**Course Information:**
3 hours
3 credits

**Management and Organizations**

**ECO 35900** - Economics of Business Organization and Management
GER 3/B
The economic theory of the firm, including the formal analysis of incentives and contracts. Particular focus on how the internal organization of the firm can mitigate the negative effects of conflicts of interest between different stakeholders in the firm.

**Prerequisites:**
ECO 20000 with a grade of C, CR or better
A review of research and theories on the effects of leadership, human relations, motivation and organizational structures on behavior in business and industrial settings; applications of personnel psychology, motivational psychology and human factors engineering in the workplace; job analysis, employee selection, leadership, performance appraisal, power and authority, work motivation and organizational communication.

PSYCH 24800 and 24900 or 25000, one semester of an acceptable science sequence, ENGL 12000 and declaration of a psychology major are the minimum prerequisite for all courses above PSYCH 25000. (Students falling under the previous curriculum need not fulfill the science prerequisite.)

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable instruments, secured transactions and bankruptcy, business entities.

For non-accounting majors only. Course is used in the Hunter Arts Management Certificate and is an elective in the Hunter Business Certificate.

prereq: Not open to undergraduate Accounting majors.

Personal Finance teaches the economic and mathematical skills needed to make informed decisions about money. Topics may include financial statements, the time value of money, consumer credit, savings, investment fundamentals, housing decisions, insurance and personal taxation. We focus on costs and benefits associated with individual choices as well as behavioral strategies that can improve the odds of success.

prereq: CUNY Math Proficiency

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings. ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major. ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

prereq: Math/Writing Proficient/Non degree students
Special topics and issues of research and policy interest. Topics vary each semester. Suitable for students who may have no prior background in economics. Does not count as credit toward the major.

ECO 20000 - Principles of Microeconomics

Covers the fundamental principles and analytical tools of microeconomics. The course develops models of consumer and firm behavior and uses them to study foundational topics such as taxation, labor and trade. The course builds tools for welfare analysis in perfectly competitive and imperfectly competitive markets.

Prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

ECO 20100 - Principles of Macroeconomics

May be taken prior to or concurrently with ECO 20000. Covers the fundamental principles and analytical tools of macroeconomics, with applications in economic growth; business cycles, inflation, unemployment, and monetary and fiscal policy.

Prereq: Math and Writing Proficient AND MATH 10100 or 101EN or 12400 or 12500 or 12550 or 15000 or 15200 or 15500 and ECO 10000

ECO 22000 - Techniques of Economic Analysis

Mathematical techniques applied to economic models.

Prereq: ECO 20000; MATH 12500 or exemption from the course

ECO 22100 - Economic Statistics

Hunter Core: Mathematics and Quantitative Reasoning

Statistical theory applied to business and economic problems; correlation, regression, time series analysis.

Prereq: Math & Write Proficiency and MATH 12500 or 15000 or 15100 or 15400 or 15500 or 15600 or 16000 or 25000 or 25400 or 25500 or 26000 or 27500 or PHILO 27500 or MATH 29500

3 hr lecture or 2 hr lecture/1 hr discussion

3 cr.
Marketing creates value for customers, and therefore value for organizations. This course introduces students to the strategic concepts, practical decision-making and most common metrics required for a successful marketing plan, while also exploring the connections between marketing and other business functions.

BUS 21000
Creating Value Through Marketing

Counts as elective for Business Certificate.

prereq:
ECO 10000

3 hrs.
3 cr.

BUS 26100
Introduction to Entrepreneurship

Business enterprise fundamentals through the lens of a new business; identifying market opportunities to meet consumer need and create economic value in a new way; methods to convert an opportunity into a viable new business. Does not count toward the Economics and Accounting majors.

Course is used in the Hunter Business Certificate.

prereq:
Open only to upper sophomores.
ECO 22100 or MATH 10000 or MATH 10200 or MATH 10400 or MATH 12500 or MATH 15000 or MATH 15500 or STAT 11300 or STAT 21200 or STAT 21300.

3 hrs.
3 cr.

ECO 21000
Money and Banking

GER
3/B

Monetary and banking principles and practice; current issues; theory and policy.

prereq:
ECO 20000, 20100

3 hrs
3 cr.

ECO 23300
Economics of the Media

Provides an introduction to the economics of the media. The course uses the toolkit of economic analysis to understand the structure of media industries, the characteristics of media products, the effects of regulation in media markets, and changes brought about by digital technology.

Economics of the Media is a quantitative analytical course requiring a solid understanding of microeconomic principles and also basic statistics.

prereq:
ECO 10000 or ECO 20000

3 hrs
3 cr.

ECO 26600
Personal Financial Economics

Introduction to financial decision-making. Economic and behavioral theories; empirical evidence; implications for policy makers and investors.

prereq:
ECO 10000

3 hrs
3 cr.

ECO 29500
Selected Topics in Economics

GER
3/B


Special topics and issues of research and policy interest. Topics vary each semester. May be repeated for a total of 6 credit hours.

prereq: ECO 20000 or 20100

3 hrs
3 cr.

ECO 29600 - Special Topics in Economics

Special topics and issues of research and policy interest. Topics vary each semester. Does not count as credit toward the major.

prereq: Requisites may vary.

3 hrs
3 cr.

BUS 49700 - Business Studies Capstone and Internship

The capstone experience for the Business Certificate is an internship in which students will do meaningful work and have opportunities to learn about the broader organization in order to develop an overview of the business and its challenges. The Internship seminar is designed to help students reflect on their collective experiences and gain a more global perspective on multiple businesses, their goals, and their role in helping to achieve those goals. Does not count for economics or accounting majors. Permission based on fulfillment of all other certificate course requirements and having a qualifying (96 hours or more over 15 weeks) internship or job in place.

Course is used in the Hunter Business Certificate.

prereq: Department permission required.

3 hrs.
3 cr.

ECO 30000 - Intermediate Microeconomics

GER
3/B

Households and firms as maximizing agents; implications for equilibrium in perfectly and imperfectly competitive markets; general equilibrium; welfare.

prereq: ECO 20000, 20100 and MATH 15000 or MATH 15200

3 hrs
3 cr.

ECO 30100 - Intermediate Macroeconomics

GER
3/B

Growth, employment and prices in the short and long run; monetary and fiscal policy.

prereq: ECO 20000, 20100, MATH 15000 or MATH 15200

3 hrs
3 cr.

ECO 31000 - Financial Institutions

GER
3/B

Operation, administration and regulation of U.S. banking, investment and credit institutions.

prereq: ECO 21000

3 hrs
3 cr.
ECO 31500 - Public Finance

GER 3/B

Theory and application of fiscal policy; federal budgeting; state and local finance.

prereq: ECO 20000

3 hrs

3 cr.

ECO 32100 - Introduction to Econometrics

GER 3/B

Linear and non-linear regression models in economics; statistical methods for estimation and inference.

prereq: ECO 22100 or STAT 21300 and MATH 15000 or MATH 15200 or MATH 15400 or MATH 15500 or MATH 25500

3 hrs

3 cr.

ECO 33000 - Economic Development

Pluralism and Diversity

GER 3/B

Critical variables explaining the diversity of growth and economic and development outcomes across developing countries. Theories, case studies, measurement and policies.

prereq: ECO 20000

3 hrs

3 cr.

ECO 33700 - Mathematical Foundations of Economics

An advanced undergraduate course in mathematical methods for economists. The course is designed to introduce students to the mathematical techniques used in advanced study of economics and in professional and academic economic research.

prereq: ECO 30000 or equivalent and MATH 15000 or exemption from the course.

3 hrs

3 cr.

ECO 33900 - Strategies and Games in Economics

A critical introduction to applications of game theory in economics. Applications include the analysis of conflict, trust and cooperation, firms' strategic behavior in concentrated markets, and herd behavior and panics in financial markets. We extend basic game-theoretic models to incorporate asymmetric information and mechanism-design, studying how the rules of a game affect economic outcomes; voting models and political-economic equilibria; how firms choose their financial structure; and how and why laws and constitutions are chosen to be what they are.

prereq: ECO 30000 or equivalent

3 hrs.

3 cr.

ECO 34000 - International Trade
Theories of international trade and international trade policies.

Prerequisite: ECO 20000
3 hrs
3 cr.

ECO 34100 - International Finance
Theories of exchange rate determination and open economy macroeconomic theory and policy.
Prerequisite: ECO 20100
3 hrs
3 cr.

ECO 34500 - Women and Men in the Labor Market
Pluralism and Diversity
Demand for labor, determination of wages and allocation of time between paid and unpaid activities, "human capital" investments, labor market policy issues. Cross-listed with WGSL 34500.
Prerequisite: ECO 20000
3 hrs
3 cr.

ECO 35000 - Comparative Economic Systems
Pluralism and Diversity
Comparative analysis of market and planned economies in theory and practice. Process and problems of transitions between planned and market economies.
Prerequisite: ECO 20000, 20100
3 hrs
3 cr.

ECO 35500 - Business Strategy & Industrial Organization
Analysis of the strategic behavior of firms in markets with imperfect competition and the role of public policy in regulating these markets.
Prerequisite: ECO 20000
ECO 35600 - Business and Public Policy
Analysis of the intersection between business and government in market economies. Topics may include protection of intellectual property, economic regulation, health and safety regulation, antitrust, and the behavior of private firms in the political and social realms.

Prereq: ECO 20000

ECO 35900 - Economics of Business Organization and Management
The economic theory of the firm, including the formal analysis of incentives and contracts. Particular focus on how the internal organization of the firm can mitigate the negative effects of conflicts of interest between different stakeholders in the firm.

Prereq: ECO 20000 with a grade of C, CR or better

ECO 36000 - Managerial Economics
Theory of the firm, risk and uncertainty; forecasting, capital allocation, analysis of costs and returns, pricing.

Prereq: ECO 20000

ECO 36500 - Corporate Finance
Analysis of corporate investment and financing decisions.

Prereq: ECO 20000 and either ECO 22100 or STAT 21300, all with a grade of C or CR or better

ECO 36600 - Security and Investment Analysis
Operation of the stock market; security analysis and evaluation; economic variables influencing security values.
The course will use economic tools to evaluate key health issues, such as the demand for healthcare, the market for health insurance, the
ECO 49800 - Internship in Economics of Accounting
Opportunities for working in positions of responsibility in professional institutions (including government agencies, private firms and not-for-profit institutions) for academic credit. The position must provide opportunities for learning about some area of economics, accounting, business or related public policy. Credits may not be used towards the requirements for the economics or accounting major. CR/NC grading is mandatory.

prereq: Open only to qualified economics or accounting majors, upper Junior/Senior only. Enrollment is subject to approval of department adviser. Course may be taken no more than twice. 1 hr 1 cr.

ECO 49900 - Honors Project
Jr/Sr only. Supervised individual research and directed reading. Honors essay.

prereq: For accounting majors: ECO 32100 and 37200; For economics majors: ECO 30000, 30100 and 32100. A 3.5 GPA required in the major offered by the department and permission of the chair. 3 hrs 3 cr.

ACC 27100 - Accounting I
Basic accounting concepts; preparation of financial statements. Emphasis on income determination and financial position.

prereq: upper freshman standing 3 hrs 3 cr.

ACC 27200 - Accounting II
Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.

prereq: ACC 27100 with a grade of C or better effective term spring 2016 3 hrs 3 cr.

ACC 28000 - Business Law I
Legal institutions; contract law and commercial paper law with focus on Uniform Commercial Code.

prereq: sophomore standing or perm chair 3 hrs 3 cr.

ACCP 36700 - Analysis of Financial Statements
GER GER 3/B
Analysis, interpretation, and use of financial statements.

note: This course does not count as an elective towards the Economics major.

prereq: ECO 37200 and ECO 36500 or adviser's permission 3 hrs 3 cr.
ACCP 37100 - Intermediate Accounting I
In-depth study of current concepts relating to accounting for assets and current liabilities.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 all with a grade of C or better.
3 hrs 3 cr.

ACCP 37200 - Intermediate Accounting II
Long-term liabilities, investments, revenue recognition; shareholders' equity, dilutive securities and earnings per share, income taxes, pensions, leases.
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better.
4 hrs 4 cr.

ACCP 37300 - Federal Income Taxation
Principles of federal income taxation and the impact of taxes on individuals.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACCP 37100, all with a grade of C or better
3 hrs 3 cr.

ACCP 37400 - Managerial Accounting (Cost Accounting)
Accumulation, analysis, presentation and use of cost data by management; budgets.
effective term spring 2016
prereq: Prereq: ACC 27100 and ACC 27200 and ACCP 37100 all with a grade of C or better
3 hrs 3 cr.

ACCP 38000 - Business Law II
Legal aspects of business organizations; agency, partnership and corporate relationships.
prereq: ACC 28000 with a grade of C, or CR, or better
3 hrs 3 cr.

ACCP 47100 - Advanced Accounting I
effective term spring 2016
prereq: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 all with a grade of C or better
3 hrs 3 cr.
Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not for profit accounting; interim and segment reporting; SEC problems, fiduciary accounting, bankruptcy.

Effective term: Spring 2016

Prerequisite: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200, all with a grade of C or better

3 hrs
3 cr.

Business Taxes

Federal income taxation of partnerships and corporations; other special tax issues.

Effective term: Spring 2016

Prerequisite: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200 and ACCP 37300, all with a grade of C or better

3 hrs
3 cr.

Auditing

Auditing theory and practices; ethics of accounting profession; procedures for auditing financial statements.

Prerequisite: ACC 27100 and ACC 27200 and ACCP 37100 and ACCP 37200, all with a grade of C or better

Prerequisite or corequisite: ACCP 47100, with a grade of C or better

4 hrs
4 cr.

Computer Accounting Systems


Prerequisite: ACC 27100 and ACC 27200, both with a grade of C or better, and declaration as an accounting major

3 hrs
3 cr.

Business Law III

Sales and financing devices under Uniform Commercial Code; property; trusts and estates; bankruptcy; other selected topics.

Prerequisite: ACCP 28000, with a grade of C or CR or better

3 hrs
3 cr.

Accounting & Auditing Research

Acquisition of research, analytical and communication skills. Provides coverage of fundamental knowledge and skills to conduct research as well as their application through announced readings, cases and research discussions on selected topics. Requires extensive Internet and library research including the use of FASB codification database.

Prerequisite: ECO 22100, with a grade of C or CR or better or STAT 21300, with a grade of C or CR or better and ACC 27100, ACC 27200, ACCP 37100, and ACCP 37200, all with a grade of C or better.

Prerequisite or corequisite: ACCP 47500

3 hrs
3 cr.
An introductory accounting survey course designed specifically for non-majors to gain understanding of business terminology and the role of accounting in the business environment. It will specifically focus on providing students with the ability to understand and effectively analyze financial information using the financial statements of a company (as an external user), as well as internal company information that will enhance business decision-making process such as budgeting (as an internal user), combining both financial and managerial accounting areas. It will also briefly introduce the basics of non-profit accounting while highlighting differences between for-profit and non-profit accounting information needs and presentations.

For non-accounting majors only.

Course is used in the Hunter Business Certificate and in the Hunter Arts Management Certificate.

prereq:
Not open to undergraduate Accounting majors.

3 hrs.
3 cr.

BUS 23000 - Essentials of Business Law

An introductory business law survey course designed specifically for non-majors to allow them to gain an understanding of basic legal concepts and terminology and the role of law in the business environment. It will specifically focus on the legal issues often encountered in business, including contract law, property law, negotiable instruments, secured transactions, and bankruptcy, business entities.

For non-accounting majors only.

Course is used in the Hunter Arts Management Certificate and is an elective in the Hunter Business Certificate.

prereq:
Not open to undergraduate Accounting majors.

3 hrs.
3 cr.

ECO 30500 - Development of Economic Thought

GER 3/B
ECO 33100 - Economic History

GER 3/B
ECO 33600 - Regional Economics

GER 3/B
ECO 34600 - The Labor Movement

GER 3/B
ECO 35200 - Economics of the Caribbean

GER 3/B
ECO 42100 - Econometrics

ECO 49500 - Selected Topics in Economics

Jr/Sr majors only. Special readings, research papers and seminar discussions on selected advanced topics announced each semester. May be repeated for total of 6 cr.

prereq:
ECO 30000 or 30100

3 hrs
3 cr.
Jr/Sr majors only. Special readings, research and seminar discussions on selected topics announced each semester. May be repeated for total of 6 cr.

prereq:
3.5 GPA in economics, perm chair

3 hrs
3 cr.

Programs and Courses in Education

The School of Education

UTEP (Undergraduate Teacher Education Pathways)

School of Education

UTEP programs at Hunter College prepare prospective teachers to serve as highly effective educators, and provide opportunities to work with children of diverse backgrounds, abilities, and interests within an array of educational settings in New York State.

A student who completes an undergraduate School of Education program fulfills the academic requirements for New York State Initial Certification. All students in an education major or minor at Hunter must also fulfill both the Hunter Core requirement and the requirements for a liberal arts or sciences major.

The School of Education is committed to the development of teacher candidates that will be both educators and lifelong students. Teacher preparation that focuses on the unique challenges of working in NYC public school classrooms is at the core of Hunter College's educational mission, and the School of Education is a place for aspiring teachers to learn their craft and contribute to the future through the classroom.

School of Education students are held to the highest professional and academic standards, and will be expected to:

• Learn deep and broad content knowledge across academic disciplines.
• Develop professional knowledge and academic skills.
• Learn the theory and practice of effective pedagogy.
• Understand the history, philosophy, psychology, and sociology of education that will inform their teaching.

The School of Education also believes in preparing teacher candidates to work with a diverse student population in the modern classroom, and recognizes that learning takes place inside social and community networks that support student learning. Thus, our programs also provide teacher candidates with knowledge on how to:

• Manage their educational setting to provide effective instruction for all students.
• Design lessons and units of work for students and to adapt their instruction to students' prior knowledge and level of skill.
• Use research-based theories and methods of teaching students with special needs, including special education students and English language learners.
• Learn to create humane and ethical learning communities in which all students receive the support they need to achieve academically.
• Learn to communicate effectively with parents, families, community members, and other members of the school faculty and staff in order to provide this support.
• Master the use of technology as a tool for teaching.

Finally, becoming a Hunter College teacher candidate requires dedication to the continuous improvement of one's professional abilities. Our programs, therefore, ensure teacher candidates know how to:

• Reflect on teaching practice in order to strengthen work with students and grow as professionals.
• Gain expertise in analyzing and using assessments of student achievement to guide and inform instruction.
The BA program in Adolescent Biology Education leads to initial certification as a teacher in New York State. The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major
Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.
Students interested in an Education program should interview as early as possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter. The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Biology.
- Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student’s advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:

Hunter Core Requirement - Fall 2013 to Spring 2019.

In the case of Biology, the courses that meet CCCR are:

- BIOL 10000 (STEM) - Principles of Biology I
- BIOL 10200 (STEM) - Principles of Biology II

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan:

BIOL 1AE - BA & MHCB 1AE - BA

Credits: 94 - 110

Biology Requirements (67 - 83 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

Math Courses (3 - 17 credits)

- MATH 10100 - Algebra for College Students
- MATH 101EN - Algebra for College Students - Enhanced*
MATH 10150 - Mastery of Symbolic Computation*

MATH 12400 (STEM) - College Algebra and Trigonometry*
or
MATH 12500 (STEM) - Precalculus*
or
MATH 12550 (STEM) - Precalculus with Workshop*

MATH 14000 - Mathematical Reasoning Workshop
* unless students earn a grade of B or above in MATH 12550

MATH 15000 (STEM) - Calculus I*
and
MATH 15500 (STEM) - Calculus II*
or
MATH 15200 (STEM) - Calculus for Life and Social Sciences* and
STAT 21300 (STEM) - Introduction to Applied Statistics*

A. Introductory Biology (9)

BIOL 10000 (STEM) - Principles of Biology I

BIOL 10200 (STEM) - Principles of Biology II

B. 200-level and higher Concentration in Biology and additional courses (55 to 57 credits)

1. Required Courses (44 to 46)

BIOL 20300 - Molecular Biology and Genetics

BIOL 30000 - Biological Chemistry

BIOL 30300 - Cell Biology

CHEM 10200 (STEM) - General Chemistry I*

CHEM 10400 (STEM) - General Chemistry II*

CHEM 10600 (STEM) - General Chemistry Laboratory*

CHEM 22200 - Organic Chemistry Lecture I*

CHEM 22300 - Organic Chemistry Laboratory I*

CHEM 22400 - Organic Chemistry Lecture II

PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*
and
PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics*
Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major (e.g. BIOL 12000, BIOL 12200 and BIOL 23000). Please read the course descriptions carefully to identify those courses. If you have any questions about which courses can be used as major electives, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their adviser. Four credits of laboratory research are recommended and can count towards the total elective credits either from a laboratory elective course or from research within an approved research laboratory. Laboratory research credits are taken as a BIOL 48000 research course for a maximum of two credits per semester and require a written report or presentation of work required for completion of course. Laboratory research credits can also be obtained from BIOL 61000.

### Education Requirements (27 credits)

**SEDF 20300** - Social Foundations of Education, Grades 7-12 (W)
Three credits
- Students explore different sociological, historical, philosophical, anthropological, and political concepts and the theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

**SEDF 20400** - Adolescent Development
Two credits per week plus 36 hrs fieldwork
- The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

**SEDF 20500** - Educational Psychology: Applications in Grades 7-12
Two credits per week plus 36 hrs fieldwork
- Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12. Prereq: SEDF 20300, 20400

**SEDF 20600** - Assessment of the Teaching and Learning Process in Grades 7-12
Two credits per week plus lab
- The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

**SEDC 21000** - Building the Foundations of Literacy in Grades 7-12
Supporting the development of literacy across the curriculum, with a focus on underprepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.
SEDC 21300
Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12
Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.

prereq or coreq:
SEDF 20300, 20400

3 hrs
3 cr.
SEDC 22000
Adolescent Health and Safety
Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq:
SEDF 20300, 20400

1 hr
1 cr.
SEDC 32400
Methods II: Teaching Diverse Learners Science, Grades 7-12
Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special

prereq:
SEDC 21300
prereq or coreq:
SEDF 20500, SEDC 21000

2 hrs per week plus 48 hrs fieldwork
2 cr.
SEDCP 34100
Adolescent Fieldwork
Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

coreq:
SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 3250

15 hours of seminar; 48 hours of fieldwork
1 cr.
SPED 30800
Teaching Students with Special Needs in Inclusive Settings
Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will

prereq:
QSTA 40080 or QSTAP 40080
SEDCP 45410 - Student Teaching in Biology, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified biology teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

SEDC 32400

prereq or coreq: SEDF 20600

2 hrs per week, 60 days student teaching plus workshops and conferences

5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

• Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Biology, Grades 7-12 - BA/MA

The BA/MA program in Adolescent Biology Education leads to initial certification as a teacher in New York State. This bachelor's/master's program in adolescent education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their aligned liberal arts major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year. Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

• Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
• A Hunter College Grade Point Average (GPA) of 3.0 or better.
• Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
• Formal declaration of a major in Biology.
• Participation in a group interview.
Undergraduate Academic Progress Standards

• Students must maintain a GPA of at least 3.0.

• Any student who receives a grade of B–, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.

• Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.

• Any student who receives a grade of F in any education course will not be permitted to continue in the program.

• Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on

In the case of Biology, the courses that meet CCCR are:

• BIOL 10000 (STEM) - Principles of Biology I
• BIOL 10200 (STEM) - Principles of Biology II

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan:

BIOAE
BAMA

Credits:

108 - 127

Biology Requirements (67 - 83 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Math Courses (3 - 17 credits)

• MATH 10100 - Algebra for College Students*
• MATH 101EN - Algebra for College Students - Enhanced*
• MATH 10150 - Mastery of Symbolic Computation*
• MATH 12400 (STEM) - College Algebra and Trigonometry*
• MATH 12500 (STEM) - Precalculus*
• MATH 12550 (STEM) - Precalculus with Workshop*
• MATH 14000 - Mathematical Reasoning Workshop

* unless students earn a grade of B– or above in MATH 12550
A. Introductory Biology (9)

• BIOL 10000 (STEM) - Principles of Biology I
• BIOL 10200 (STEM) - Principles of Biology II

B. 200-level and higher Concentration in Biology and additional courses (55 - 57 credits)

1. Required Courses (44 - 46)
   • BIOL 20300 - Molecular Biology and Genetics
   • BIOL 30000 - Biological Chemistry
   • BIOL 30300 - Cell Biology
   • CHEM 10200 (STEM) - General Chemistry I*
   • CHEM 10400 (STEM) - General Chemistry II*
   • CHEM 22200 - Organic Chemistry Lecture I*
   • CHEM 22300 - Organic Chemistry Laboratory I*
   • CHEM 22400 - Organic Chemistry Lecture II

2. Electives (11 credits)

   Students select the remainder of their credits toward the Biology Major from advanced courses in the biological sciences so as to create a core area of study. Eleven credits are required to complete the major. A minimum of two elective lecture courses must be taken, with at least one course at the 30000 level or higher, in addition to BIOL 30000 and BIOL 30300, for a minimum of six credits. For the remaining elective credits, at least one special-topics course must be taken (BIOL 47000 or BIOL 47100 or BIOL 79000; various topics offered each semester) in addition to other lecture or research courses. There are some BIOL courses that do not count as electives towards the Biology Major, please speak to your Biology department advisor. Students with strong interdisciplinary interests may select advanced course offerings in

*These courses may be counted for credit in more than one program.
Laboratory research credits are taken as a BIOL 4800 research course for a maximum of two credits. Laboratory research credits can also be obtained from BIOL 61000.

Graduate Biology Courses (15-17 credits)

For course descriptions please see the graduate catalog.

- BIOL 61055 - Laboratory Workshop in Biology Education (4)
- BIOL 63000 - Science and Society (3)

• American Museum of Natural History CUNY credit course: Genetics, Genomics or Evolution

Category A:

For students who have completed molecular biology and molecular genetics at the undergraduate level. Choose one:

- BIOL 70000 - Genetics (4)
- BIOL 710LC - Molecular Biology Lecture (5)
- BIOL 71400 - Cell Biology (4)
- BIOL 75003 - Developmental Biology (4)

Category B:

For students who have not taken either molecular biology or molecular genetics at the undergraduate level. Students must take both courses below:

- BIOL 60000 - Molecular Biology for Science Teachers (3)
- BIOL 60210 - Molecular Genetics for Science Teachers (3)

Education Requirements (26-27 credits)

For course descriptions please see the graduate catalog.

- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
- SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7-12
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings

Take either:

- SEDC 75401: Student Teaching in Biology, Grades 7-12 (5)
- SEDC 77411: Practicum in Biology, Grades 7-9 (2)

Plus:

- SEDC 77421: Practicum in Biology, Grades 10-12 (2)
Students must meet the following criteria in order to graduate with a School of Education major or minor:

• Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Chemistry, Grades 7-12 - BA

The program in Adolescent Chemistry Education leads to initial certification as a teacher in New York State. The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal education website. Current Hunter students can request an interview throughout the year. Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

• Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
• A Hunter College Grade Point Average (GPA) of 3.0 or better.
• Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
• Formal declaration of a major in Chemistry.
• Participation in a group interview.

Undergraduate Academic Progress Standards

• Students must maintain a GPA of at least 3.0.
• Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
• Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
• Any student who receives a grade of F in any education course will not be permitted to continue in the program.
• Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major.
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: CHEADED - BA & MHCCHEA - BA

Credits: 89 - 101

Chemistry Requirements (62 - 74 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Choose One General Chemistry Sequence (11 credits)

• CHEM 10200 (STEM) - General Chemistry I
  • CHEM 10400 (STEM) - General Chemistry II
  • CHEM 10600 (STEM) - General Chemistry Laboratory

• CHEM 11100 (STEM) - Chemical Principles
  • CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Organic Chemistry (13 cr.)

• CHEM 22200 - Organic Chemistry Lecture I
  • CHEM 22300 - Organic Chemistry Laboratory I

• CHEM 22400 - Organic Chemistry Lecture II
  • CHEM 22500 - Organic Chemistry Laboratory II

Additional Required Courses (12 cr.)

• CHEM 24900 - Quantitative Analysis
• CHEM 35200 - Physical Chemistry I
• CHEM 35400 - Physical Chemistry II
  • CHEM 35600 - Physical Chemistry II

• CHEM 35500 - Physical Chemistry Laboratory I
• CHEM 35700 - Physical Chemistry Laboratory II
Required elective course (3 - 5 credits)

- Any chemistry course at the 300 level or above excluding CHEM 49101

Required Math Courses (12 - 22 credits)

- MATH 10100 - Algebra for College Students

- or

- MATH 101EN - Algebra for College Students - Enhanced

- MATH 10150 - Mastery of Symbolic Computation

- MATH 12400 (STEM) - College Algebra and Trigonometry

- or

- MATH 12500 (STEM) - Precalculus

- or

- MATH 12550 (STEM) - Precalculus with Workshop

- MATH 14000 - Mathematical Reasoning Workshop

- unless students earn a grade of B or above in MATH 12550

- MATH 15000 (STEM) - Calculus I

- MATH 15500 (STEM) - Calculus II

- MATH 15600 - Introduction to Mathematical Proof Workshop

- MATH 25000 - Calculus III

Required Physics Courses (11 cr.)

- PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound

- or

- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

*These courses may be counted for credit in more than one program.

Education Requirements (27 credits)

- SEDF 20300 - Social Foundations of Education, Grades 7 - 12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

- SEDF 20400 - Adolescent Development
The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

prereq: SEDF 20300, 20400

SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

prereq: SEDF 20500, SEDC 21000

SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on underprepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

prereq or coreq: SEDF 20300, 20400

SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.

prereq or coreq: SEDF 20300, 20400

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq: SEDF 20300, 20400

1 hr 1 cr.

SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for
Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus—though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

Student Teaching in Chemistry, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified chemistry teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

Student Teaching in Chemistry, Grades 7-12

BA/MA

The BA/MA program in Adolescent Chemistry Education leads to initial certification as a teacher in New York State.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

The workshop requires six clock hours of coursework or training.
This bachelor's / master's program in adolescent education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year. Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Chemistry.
- Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR]). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to
Chemistry Requirements (62-74 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Choose One General Chemistry Sequence (11 credits)

• CHEM 10200 (STEM) - General Chemistry I
• CHEM 10400 (STEM) - General Chemistry II
• CHEM 10600 (STEM) - General Chemistry Laboratory

OR

• CHEM 11100 (STEM) - Chemical Principles
• CHEM 11200 (STEM) - Thermodynamics and Solution Chemistry

Organic Chemistry (13 cr.)

• CHEM 22200 (STEM) - Organic Chemistry Lecture I and CHEM 22300 (STEM) - Organic Chemistry Laboratory I
• CHEM 22400 (STEM) - Organic Chemistry Lecture II and CHEM 22500 (STEM) - Organic Chemistry Laboratory II

Additional Required Courses (12 cr.)

• CHEM 24900 (STEM) - Quantitative Analysis
• CHEM 35200 (STEM) - Physical Chemistry I
• CHEM 35400 (STEM) - Physical Chemistry II
• CHEM 35600 (STEM) - Physical Chemistry II
• CHEM 35500 (STEM) - Physical Chemistry Laboratory I
• CHEM 35700 (STEM) - Physical Chemistry Laboratory II

Required elective course (3-5 credits)

• Any chemistry course at the 300 level or above excluding CHEM 49101

Required Math Courses (12-22 credits)

• MATH 10100 (STEM) - Algebra for College Students
• MATH 101EN (STEM) - Algebra for College Students - Enhanced

Mathematics and Statistics department for details.
MATH 10150 - Mastery of Symbolic Computation

or

MATH 12400 (STEM) - College Algebra and Trigonometry

or

MATH 12500 (STEM) - Precalculus

or

MATH 12550 (STEM) - Precalculus with Workshop

MATH 14000 - Mathematical Reasoning Workshop

unless students earn a grade of B or above in MA TH 12550

MATH 15000 (STEM) - Calculus I

MATH 15500 (STEM) - Calculus II

MATH 15600 - Introduction to Mathematical Proof Workshop

MATH 25000 - Calculus III

Required Physics Courses (11 cr.)

PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound*

PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics*

*These courses may be counted for credit in more than one program.

Graduate Chemistry Courses (Minimum of 15 credits)

CHEM 65500 - Demonstrations, Models, and Technology (3)

CHEM 63000 - Science and Society (3)

CHEM 66000 - Challenging Concepts in Chemistry (4)

Two electives chosen from 600 or 700 level courses in chemistry or biochemistry (At least 5 credits)

For students who have not taken physical chemistry, one of the electives must be:

CHEM 65000 - Biophysical Chemistry (4)

Education Requirements (26 - 27 credits)

For course descriptions please see the graduate catalog.

SEDF 70300: Social Foundations of Education: Grades 7 - 12

SEDF 70400: Adolescent Development

SEDF 70500: Educational Psychology: Applications in Grades 7 - 12

SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7 - 12

SEDC 71000: Building the Foundations of Literacy in Grades 7 - 12

SEDC 72000: Adolescent Health and Safety

SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments

SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7 - 12
SPED 70800: Teaching Students with Special Needs in Inclusive Settings
- Take either
  • SEDC 75402 - Student Teaching in Chemistry, Grades 7–12 (5)
  • SEDC 77412 - Practicum in Chemistry, Grades 7–9 (2)
  Plus
  • SEDC 77422 - Practicum in Chemistry, Grades 10–12 (2)

School of Education Exit Standards
Students must meet the following criteria in order to graduate with a School of Education major or minor:
• Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Earth Science, Grades 7–12 - BA/MA
The BA/MA program in Adolescent Earth Science Education leads to initial certification as a teacher in New York State. This bachelor's/master's program in adolescent education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

Declaring the Major
Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year. Students interested in an Education program should interview as early as possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major
• Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
• A Hunter College Grade Point Average (GPA) of 3.0 or better.
• Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
• Formal declaration of a major in Environmental Studies Earth Science Concentration.
• Participation in a group interview.

Undergraduate Academic Progress Standards
• Students must maintain a GPA of at least 3.0.
• Any student who receives a grade of B–, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
• Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
• Any student who receives a grade of F in any education course will not be permitted to continue in the program.
Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

It may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019

In the case of the Environmental Studies major, the courses that meet CCCR are:

- GEOL 10100 - Introductory Geology Lab
- PGEOG 13000 (STEM) - Weather and Climate

Please note that no more than two courses from any one department will count for the CUNY Common Course of Study.

Academic Plan:

<table>
<thead>
<tr>
<th>ESCE</th>
<th>BAMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credits: 87 - 97</td>
<td></td>
</tr>
</tbody>
</table>

Earth Science Requirements (61 - 70 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

1. Math (0 - 8 credits)

- **MATH 10100 - Algebra for College Students**
  - Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
  - Prereq: appropriate score on placement exam or exit from appropriate departmental workshop
  - 4 hrs (2 lec, 2 lab)
  - 3 cr.

- **MATH 101EN - Algebra for College Students - Enhanced**
  - Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra.
  - Not open to students who have taken MATH 10100.
  - Prereq: Department Permission
  - 6 hrs
  - 3 cr.

- **MATH 10150 - Mastery of Symbolic Computation**

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs 1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH 12500 for grade replacement purposes.

prereq: MATH 10100/101EN - or - the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs 4 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core Math/Quantitative Reasoning

GER 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam

4 hrs 4 cr.

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500.

5 hrs (4 hrs lecture, 1 hr recitation) 4 cr.

2. Introductory Geography (3-4 credits)

These courses are prerequisites to PGEOG 25000. Either of these courses, or GEOG 22600 is acceptable.

GEOL 10100 - Introductory Geology Lab

Hunter Core Life & Physical Sciences

GER 2/E
and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.

This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.
**GER 2/E**  
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent to one year of general chemistry laboratory.  
Primarily for pre-med, medical laboratory sciences, and science majors.  
*prereq:* CHEM 10200  
*coreq:* CHEM 10400  
6 hrs  
3 cr.

**GEOG 22600**  
Environmental Conservation: Resource Management  
GER 2/B  
Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

*prereq or coreq:* ENGL 12000  
3 hrs  
3 cr.

**PGEOG 25000**  
Earth System Science I (W)  
GER 3/B  
In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.  
*prereq:* ENGL 12000  
*prereq or coreq:* GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.  
4 hrs  
3.5 cr.

**PGEOG 25100**  
Earth System Science II  
GER 3/B  
The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate.

*prereq:* PGEOG 25000 or perm instr.  
4 hrs  
3.5 cr.

Required Capstone course
Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

 prerequisites: permission from the department or PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.

1-4 cr.

4. Electives (18 credits)
A minimum of 18 credits from the list below. 12 credits must be taken at the 300-level or higher.

Note: It is strongly recommended that students take STAT 11300 - Elementary Probability and Statistics

GEOL 20500 - Environmental Geology

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.

 prerequisites: GEOL 10100

3 hrs 3 cr.

GEOL 28000 - Marine Geology

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.

 prerequisites: GEOL 10200 or permission from the instructor

3 hrs 3 cr.

GEOL 38000 - Advanced Oceanography: Physics of the Oceans

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean. Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.

 prerequisites: one semester of CHEM or PHYS, MATH 15000 or equivalent.
Intensive courses in various aspects of geology or oceanography. Topics to be announced. 

**prereq:** 200-level course of which special topic is logical outgrowth; perm instr.

**1-4 hrs (lec or lec/lab)**

**1-3 cr.**

**GER**

**3/B**

**GTECH 20100** - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

**prereq:** MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

**6 hrs (2 lec, 4 lab)**

**4 cr.**

**Offered fall and spring**

**GTECH 32100** - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.

**Material Fee:** $15

**prereq:** GTEC 32000 or perm instr.

**4 hrs (2 lec, 2 lab)**

**3 cr.**

**GTECH 36100** - GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geo-spatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

**Material Fee:** $15

**prereq:** GTECH 20100

**4 hrs (2 lec, 2 lab)**

**3 cr.**

**PGEOG 31300** - Biogeography

Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.
Introduction to Hydrology

Designed to provide the basic understanding of how water on the Earth moves, distributes, circulates and interacts with the environment. Focus will be on hydrological processes including precipitation, evapotranspiration (evaporation and transpiration), soil water, ground water, and runoff, which form the complete water cycle at global, regional and watershed scales. The course will also cover some topics on how water responds to environmental changes and strategies of integrated water resources.

Urban and Metropolitan Coasts

A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.

Global Climatic Change

Open to Jr/Sr only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.

Environmental Hazards

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and preventive measures and find solutions to act on environmental hazards on national and international levels.
GER 3/B

Open to Jr/Sr only. Topics to be announced.

prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.

1 - 4 hrs (lec or lec/lab)

1 - 3 cr.

5. Graduate Earth Science Courses (16 credits)

For course descriptions please see the graduate catalog.

• PGEOG 70563 - Earth Science Today
• GTECH 71000 - Concepts and Theories in GeoInformatics
• PGEOG 63000 - Science and Society
• PGEOG 66000 - Challenging Concepts in Earth Science: Using Research to Identify Common Misconceptions and Assess Student Learning

• One elective chosen from 600 - or 700 - level courses with a PGEOG or GTECH prefix, 3 or 4 crs.

Students lacking a significant background in geology or earth science may be required to take PGEOG 70564 - Introducing Earth Science at the Museum of Natural History as their elective:

Education Requirements (26 - 27 credits)

For course descriptions please see the graduate catalog.

• SEDF 70300: Social Foundations of Education: Grades 7 - 12
• SEDF 70400: Adolescent Development
• SEDF 70500: Educational Psychology: Applications in Grades 7 - 12
• SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7 - 12
• SEDC 71000: Building the Foundations of Literacy in Grades 7 - 12
• SEDC 72000: Adolescent Health and Safety
• SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
• SEDC 72400: Methods II: Intensive Study of Teaching Diverse Learners in Science Grades 7 - 12
• SPED 70800: Teaching Students with Special Needs in Inclusive Settings
• SEDC 75404: Student Teaching in Grades 7 - 12: Earth Sciences

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

• Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.
List of Programs

- Adolescent Biology, Grades 7-12 - BA
- Adolescent Biology, Grades 7-12 - BA/MA
- Adolescent Chemistry, Grades 7-12 - BA
- Adolescent Chemistry, Grades 7-12 - BA/MA
- Adolescent Earth Science, Grades 7-12 - BA/MA
- Adolescent English, Grades 7-12 - BA
- Adolescent Mathematics, Grades 7-12 - BA
- Adolescent Mathematics, Grades 7-12 - BA/MA
- Adolescent Physics, Grades 7-12 - BA
- Adolescent Physics, Grades 7-12 - BA/MA
- Dance Education, Grades Pre K-12 - BA
- Dance Education, Grades Pre K-12 - BA/MA

Progress Standards

- Students must maintain a minimum overall GPA of 2.8 and an education sequence index of 2.8.
- Any student who receives a grade of B-, C+, C or D in student teaching must apply to the department chairperson for permission to reregister for that course, which may be repeated only once.
- Any student who receives a grade of D+ or D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any course in the pedagogical sequence (including student teaching) will not be permitted to continue in the program.
- Any student who has more than two grades of IN will be permitted to register for only one course the following semester.

Students will be permitted to register for the second methods course in their subject area only after having met the following requirements:

- Completion of 18 credits of study in the major subject area;
- Approval of the major department adviser; and
- Maintenance of an overall GPA of 2.8 and an education sequence index of 2.8.

Students should register to take the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examinations during their junior year. Students will not be allowed to enroll in student teaching until their scores on the LAST have been received by the School of Education. Students who do not pass the LAST at least partly because of low scores on subtest 4 and/or 5 must enroll in a college writing course before being allowed to register for any additional courses.

Admission Process

- Students interested in applying to the Adolescent Education program should apply at the beginning of the semester prior to the semester in which they plan to enroll.
- Students must participate in a group interview with several other students and School of Education faculty members.
- Students must complete an on-site writing sample that the School of Education faculty will use to assess written English skills.

Admission Requirements
Students who wish to enter the adolescent education sequence must meet all the criteria given below.

- Minimum of 65 credits but no more than 90 credits;
- GPA of at least 2.8. If a student has more than 6 credits of CR/NR grades, the excess of these grades will be calculated as C or F in determining whether the student meets the minimum GPA;
- A grade of at least B in ENGL 12000 (or a 200- or 300-level writing course such as ENGL 201);
- Formal declaration of a major in a subject area appropriate for certification: English, Languages Other than English (Chinese, French, German, Hebrew, Italian, Russian, Spanish), Mathematics, Biology, Chemistry, Physics, Social Studies (Geography Option 2), Dance; and
- Submission of an application for admission to the sequence (the application is available in the Office of Educational Services, Room 1000 Hunter West).

Program Overview

Students who major in an academic subject may also wish to complete a sequence of courses in education that will enable them to pursue a career teaching students in grades 7-12. The undergraduate programs in adolescent education are designed to prepare prospective teachers and high schools. Through rigorous course work, fieldwork and student teaching experiences in New York City schools, students learn how to

- will learn how to use knowledge of their subject to design and implement classroom instruction that reflects State and professional standards.

- study, philosophy, psychology and sociology of education that will inform their teaching. They will study research-based theories and methods of

- time and level of skill. They will gain expertise in analyzing and using assessments of student achievement to guide and inform their instruction. They will practice ways to assess and reflect on their teaching practice in order to strengthen their work with

- receive the support they need to achieve academically. They will learn to communicate effectively with parents, families, community members

Programs

The Hunter College School of Education offers the following undergraduate programs leading to initial certification in adolescent education (grades 7-12): biology, chemistry, Chinese, English, French, German, Hebrew, Italian, mathematics, physics, Russian, social studies and Spanish. Hunter also offers an undergraduate program leading to initial certification in dance (pre-K-12). In addition, BA/MA programs in biology, chemistry, earth science, mathematics, music and physics are offered. These programs lead to initial and professional certification. The program of study for the baccalaureate degree at Hunter College requires a minimum of 120 credits. This is a daytime program that includes fieldwork in New York City public schools designated by the Hunter College School of Education. Students who wish to pursue General Education Requirement (GER) and the requirements of their liberal arts or sciences major. All relevant departments accept the
The program will conditionally admit transfer students with 60 or more credits who have a GPA of at least 3.3 without requiring that they complete 12 credits at Hunter College. However, they must establish a minimum GPA of 2.8 at Hunter College to continue in the program after the first semester. Any transfer student who has a GPA of 2.8-3.29 must complete 12 credits at Hunter College with a cumulative GPA of at least 2.8 before being admitted to the program in adolescent education.

Adolescent English, Grades 7-12

The BA program in Adolescent English Education leads to initial certification as a teacher in New York State. The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year. Students interested in an Education program should interview as early as possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter. The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in English.
- Participation in a group interview.

Meeting minimum requirements to declare the major does not guarantee entry into the program.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
Total credits required = 69

English Courses (39 Credits)

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here:

- ENGL 22000 - Introduction to Writing about Literature (W)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Introductory Courses (6 credits)

- ENGL 22000 - Introduction to Writing about Literature (W)
- ENGL 25200 - Introduction to Literary Studies

(ENGL 22000 must be the first course taken in the major)
(ENGL 25200 must be taken within a semester of declaring the major)

Surveys in Literature and Theory (12 credits)

- ENGL 30300 - Western Literary Backgrounds of British and American Literature
- ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century
- ENGL 30600 - Introduction to Literary Theory (W)
- ENGL 30700 - Survey of American Literature: From Origins to the Civil War

Literature Requirements (6 credits)

One course from

- ENGL 31700 - Topics in Non-European Literary Traditions (W)
- ENGL 31800 - Topics in Literature of Non-European Americans (W)
- ENGL 32000 - Multi-Ethnic American Literature (W)
- ENGL 32100 - Topics in African American Literature
- ENGL 32300 - Topics in Asian American Literature
- ENGL 32400 - Topics in Native American Literature
- ENGL 32500 - Post-Colonial Literature in English (W)
- ENGL 32600 - Topics in US Latina/o Literature
- ENGL 32700 - Topics in Caribbean Literature (W)
- ENGL 32900 - Topics in Cross-Cultural Literature in English (W)
One course from

- ENGL 35200 - Shakespeare Survey
- ENGL 35300 - Shakespeare I
- ENGL 35400 - Shakespeare II

Required courses in Linguistics (3 credits)

- ENGL 28000 - The Structure of Modern English

Required courses in Writing (6 credits)

- ENGL 30100 - Composition Theory and Practice

And one of:

- ENGL 28500 - Introduction to Creative Writing
- ENGL 34300 - Topics in Composition Studies

Electives (9 credits)

Students in this major are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply 1 Britain Since 1689, may count that course toward either the English or History major, not both. Students may choose from the courses and

students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be

students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

ENGL 49000 Advanced Seminar in Literature and Criticism (Prerequisites: ENGL 22000; ENGL 25200; ENGL 30400; ENGL 30600; ENGL 30700; one of ENGL 31700, 31800, 32000, 32100, 32300, 32400, 32500, 32600, 32700, or 32900)

ENGL 49200 Advanced Seminar in Linguistics and/or Rhetoric (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28000; ENGL 30100; one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 33600, ENGL 34600, ENGL 34700, ENGL 34800)

ENGL 48400 Advanced Seminar in Creative Writing (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28500; ENGL 30400; ENGL 30700; and both a level 1 and 2 workshop in the student's chosen genre)

Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual

lect.
Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

SEDF 20400 - Adolescent Development
The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

SEDF 20500 - Educational Psychology: Applications in Grades 7-12
Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

prereq: SEDF 20300, 20400

SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12
The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

prereq: SEDF 20500, SEDC 21000

SEDC 21000 - Building the Foundations of Literacy in Grades 7-12
Supporting the development of literacy across the curriculum, with a focus on underprepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

SEDC 21100 - Young Adult Literature in Our Diverse Society
Familiarizes prospective teachers with a wide variety of literature for or about young adults. Books discussed and dramatized during each session reflect diverse cultures, varying learning styles, and special needs of young adults. The English language arts standards are addressed as delineated in city and state regulations. Literacy and comprehension skills are explored as well.

prereq or coreq: SEDF 20300, 20400

SEDC 22000 - Adolescent Health and Safety
Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq: SEDF 20300, 20400

SEDC 32100 - Teaching English Methods to a Diverse Population in Grades 7-12
Candidates will engage in ways of teaching adolescents the skills of reading, responding to literature, writing (creative and expository), listening, viewing, and assessment techniques as they present lessons to the class for peer and instructor criticisms. State and city teaching standards will be applied throughout the course.

Prerequisites:
- SEDC 21100
- SEDF 20500, SEDC 21000

2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

Prerequisites:
- SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500

15 hours of seminar; 48 hours of fieldwork
1 cr.

SEDCP 45100 - Student Teaching in English, Grades 7-12 Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified English teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

Prerequisites:
- SEDC 32100
- SEDF 20600

2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus—though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased
Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop.

The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

The BA program in Adolescent Mathematics Education leads to initial certification as a teacher in New York State. There are two tracks:

- Track I Mathematics
- Track II Statistics

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year. Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to the program.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Mathematics or Statistics.
- Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once. Students are permitted to repeat a course only once.
- Any student who receives a grade of D in an education course will be required to repeat that course.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.
In the case of the Mathematics, the courses that meet CCCR are:

- MATH 12500 (STEM) - Precalculus
- MATH 15000 (STEM) - Calculus I
- MATH 15500 (STEM) - Calculus II
- STAT 21300 (STEM) - Introduction to Applied Statistics

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan:
- MATADED - BA & MHCMATA - BA

Credits: 60 - 77

Mathematics Requirements (33/34 - 50 credits)

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

The following courses may be counted for credit in more than one program:
- MATH 101, 101EN, 10150, MATH 124, 125, 125, 140, 150, 155, 156, 250; STAT 213, 311

Mathematics Track (34 - 50 credits)
Statistics Track (33 - 50 credits)

Education Requirements (27 credits)

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parent-school-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs 3 cr.

SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork 2 cr.

SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

Prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

SEDC 21000
Building the Foundation of Literacy in Grades 7-12
Supporting the development of literacy across the curriculum, with a focus on underprepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.

SEDC 21300
Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12
Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.

Prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

SEDC 22000
Adolescent Health and Safety
Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

Prereq: SEDF 20300, 20400
1 hr
1 cr.

SEDC 32300
Methods II: Teaching Diverse Learners in Mathematics, Grades 7-12
Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in mathematics. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.

Prereq: SEDC 21300
Prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100
Adolescent Fieldwork
Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.
Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus—though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080—or prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 21200 or SEDC 215 or DANED 30200 or SEDC 3333 or SEDCP 45300 - Student Teaching in Mathematics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified math teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than in the liberal arts.

prereq: SEDC 32300 or SEDF 20600 2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

• Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Mathematics, Grades 7-12 - BA/MA

The BA/MA program in Adolescent Mathematics Education leads to initial certification as a teacher in New York State. There are two tracks:

• Track I Mathematics
• Track II Statistics

This bachelor's / master's program in adolescent education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

Declaring the Major
Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year. Students interested in an Education program should interview as early as possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter. The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

• Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
• A Hunter College Grade Point Average (GPA) of 3.0 or better.
• Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
• Formal declaration of a major in Mathematics or Statistics.
• Participation in a group interview.

Undergraduate Academic Progress Standards

• Students must maintain a GPA of at least 3.0.
• Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once. Students are permitted to repeat a course only once.
• Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
• Any student who receives a grade of F in any education course will not be permitted to continue in the program.
• Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count towards the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.

Course of Study

Academic Plan:

MATH-ACADEMIC PROGRAM

Credits: 75

Mathematics Requirements (33/34-50 credits)

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details. The following courses may be counted for credit in more than one program:

MATH 101, 101EN, 10150, MATH 124, 125, 125, 140, 150, 155, 156, 250; STAT 213, 311.
Mathematics Track (34-50 credits)
Statistics Track (33-50 credits)
Graduate Mathematics Courses (15 credits)
Education Requirements (27 credits)
  • SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)
  • SEDF 20400 - Adolescent Development
  • SEDF 20500 - Educational Psychology: Applications in Grades 7-12
  • SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12
  • SEDC 21000 - Building the Foundations of Literacy in Grades 7-12
  • SEDC 22000 - Adolescent Health and Safety
Additional Education Courses for BA/MA in Adolescent Mathematics. For course descriptions please see the graduate catalog.
  • SEDC 71300: Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science
  • SEDC 72300: Methods II: Intensive Study of Teaching Diverse Learners in Mathematics, Grades 7-12
  • SEDC 7530: Student Teaching in Grades 7-12: Mathematics
  • SPED 70800: Teaching Students with Special Needs in Inclusive Settings
School of Education Exit Standards
Students must meet the following criteria in order to graduate with a School of Education major or minor:
  • Have an overall GPA of at least 3.0
  • Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.
Adolescent Physics, Grades 7-12 - BA
The BA program in Adolescent Physics Education leads to initial certification as a teacher in New York State.
These programs include fieldwork in New York City Public schools.
Declaring the Major
Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.
Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they are admitted to Hunter. The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.
Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Physics.
- Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once. Students are permitted to repeat a course only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student’s advantage to choose courses that fulfill both criteria. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019.

In the case of the Physics, the courses that meet CCCR are:

- PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Course of Study

Academic Plan: PHYSAED - BA & MHCPHYA - BA

Credits: 81 - 98

Physics Requirements (54 - 71 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Physics department for details.

MATH 101, 101EN, 10150, MATH 124, 125, 140, 150, 155, 156, 250; CHEM 102, 104, 106

A. Introductory Physics: Two Semesters (11 credits)

- PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

B. Concentration in physics courses at the 200 level and higher (22 - 24 Credits)

- PHYS 22100 - Electronics
C. Required Math & Chemistry courses (21-36 credits)

- MATH 10100 - Algebra for College Students
- MATH 101EN - Algebra for College Students - Enhanced
- MATH 10150 - Mastery of Symbolic Computation
- MATH 12400 (STEM) - College Algebra and Trigonometry
- MATH 12500 (STEM) - Precalculus
- MATH 12550 (STEM) - Precalculus with Workshop
- MATH 14000 - Mathematical Reasoning Workshop unless students earn a grade of B or above in MATH 12550
- MATH 15000 (STEM) - Calculus I
- MATH 15500 (STEM) - Calculus II
- MATH 25000 - Calculus III
- MATH 25400 - Ordinary Differential Equations
- CHEM 10200 (STEM) - General Chemistry I
- CHEM 10400 (STEM) - General Chemistry II
- CHEM 10600 (STEM) - General Chemistry Laboratory

NOTE: The chemistry courses may be substituted by one year of high school-level chemistry.

Students preparing to teach physics are advised to include the following courses or their equivalents in their undergraduate program:

- ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises
- GEOL 10000 - Introduction to Geology
- BIOL 10000 (STEM) - Principles of Biology I

Education Requirements (27 credits)

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.

Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

Methods II: Teaching Diverse Learners Science, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.
experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

- **SEDCP 34100**
  - Adolescent Fieldwork Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

- **SPED 30800**
  - Teaching Students with Special Needs in Inclusive Settings
  - Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus—though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

- **SEDCP 45430**
  - Student Teaching in Physics, Grades 7-12
  - Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified physics teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.
Have an overall GPA of at least 3.0

Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Physics, Grades 7-12, BA/MA

The BA/MA program in Adolescent Physics Education leads to initial certification as a teacher in New York State.

This bachelor's/master's program in adolescent education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses as well as courses of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year. Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Physics.
- Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement - Fall 2013 to Spring 2019

In the case of the Physics, the courses that meet CCCR are:

- PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound
- PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.
Physics Requirements (54 - 71 Credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Physics department for details.

The following courses may be counted for credit in more than one program:
MATH 101, 101EN, 10150, MATH 124, 125, 140, 150, 155, 156, 250; CHEM 102, 104, 106

A. Introductory Physics: Two Semesters (11 credits)

• PHYS 11000 (STEM)
  General Physics: Introductory Course in Mechanics, Heat, and Sound
• PHYS 12100 (STEM)
  General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics

B. Concentration in physics courses at the 200 level and higher (22 - 24 Credits)

• PHYS 22100
  Electronics
• PHYS 33400
  Intermediate Electricity and Magnetism
• PHYS 33500
  Intermediate Mechanics
• PHYS 22200
  Electronics Laboratory
• PHYS 23000
  Classical Physics Laboratory
• PHYS 23500
  Modern Physics Laboratory
• PHYS 38500
  Numerical Methods I
• PHYS 48500
  Numerical Methods II

C. Required Math & Chemistry courses (21-36 credits)

• MATH 10100
  Algebra for College Students
• MATH 101EN
  Algebra for College Students - Enhanced
• MATH 10150
  Mastery of Symbolic Computation
• MATH 12400 (STEM)
  College Algebra and Trigonometry
• MATH 12500 (STEM)
  Precalculus
• MATH 12550 (STEM)
  Precalculus with Workshop
• MATH 14000
  Mathematical Reasoning Workshop
  unless students earn a grade of B- or above in MATH 12550
• MATH 15000 (STEM)
  Calculus I
MATH 15500 (STEM) - Calculus II
MATH 25000 - Calculus III
MATH 25400 - Ordinary Differential Equations
CHEM 10200 (STEM) - General Chemistry I
CHEM 10400 (STEM) - General Chemistry II
CHEM 10600 (STEM) - General Chemistry Laboratory

NOTE: The chemistry courses may be substituted by one year of high school level chemistry.

Students preparing to teach physics are advised to include the following courses or their equivalents in their undergraduate program:

- ASTRO 10100 - Basic Concepts of Astronomy with Laboratory Exercises
- GEOL 10000 - Introduction to Geology
- BIOL 10000 (STEM) - Principles of Biology I

Graduate Physics Courses (16 Credits)

For course descriptions please see the graduate catalog.

- PHYS 63000 - Science and Society
- PHYS 66000 - Challenging Concepts in Physics: Using Research to Identify Student Misconceptions and Assess Student Learning

Plus three electives (9 credits) from below

- PHYS 60500 - Mathematical Physics
- PHYS 61500 - Electromagnetic Theory
- PHYS 62500 - Introduction to Quantum Mechanics
- PHYS 64500 - Solid State Physics
- PHYS 68500 - Numerical Methods I

Note: 700-level physics courses offered at the Graduate Center can be substituted for 600-level courses with permission of the graduate adviser.

Education Requirements (27 credits)

For course descriptions please see the graduate catalog.

- SEDF 70300: Social Foundations of Education: Grades 7-12
- SEDF 70400: Adolescent Development
- SEDF 70500: Educational Psychology: Applications in Grades 7-12
- SEDF 70600: Assessment of the Teaching and Learning Process in Grades 7-12
- SEDC 71000: Building the Foundations of Literacy in Grades 7-12
- SEDC 72000: Adolescent Health and Safety
- SEDC 71300: Methods I: Classroom Organization, Management and Assessment of Instruction in Mathematics and Science Grades 7-12
- SEDC 72400: Methods II: Teaching Diverse Learners in Science, Grades 7-12
- SPED 70800: Teaching Students with Special Needs in Inclusive Settings
- SEDC 75403: Student Teaching in Grades 7-12: Physics School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:
The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Adolescent Social Studies, Grades 7-12

The BA program in Adolescent Social Studies Education leads to initial certification as a teacher in New York State. The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year. The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program. You must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year. The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter. The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in History.
- Participation in a group interview

Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in a course in the education sequence will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement. In the case
The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)
GER

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 12100 - Early Modern Europe 1500 to 1815

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era

Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000

3 hrs
3 cr.

HIST 12200 - 19th and 20th Century Europe (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction.
American political, social and cultural history from the time of the European settlements to the Civil War.

US Experience in its Diversity

GER 1/C or 2/B

American political, social and cultural history from the Civil War to the present.

Courses at the 300- to 399-level and above not offered to freshmen.

prereq or coreq: ENGL 12000

3 hrs

3 cr.

The United States from the Civil War Era to the Present (W)

HIST 15200

Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/A

GER 2/B

An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

History of the Jews

HIST 20800

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD.

Courses at the 300- to 399-level and above not offered to freshmen.

3 hrs

3 cr.

East Asia to 1600 (W)

HIST 27700

Hunter Core

World Culture and Global Issues (WCGI)

Pluralism and Diversity

PD/A

GER 2/B

Korea and Vietnam to about 1600 AD.
Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD.

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER 2/B
A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among the geographical complexity and wonder of modern life.

3 hrs
3 cr.
offered fall and spring.

ECO 10000 - Introduction to Economics

Hunter Core
Individual and Society (Social Sciences)
GER 2/B
Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings. Students in any major, and serves as the gateway course into the economics major.

Prereq: Math/Writing Proficient/Non degree students
3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)

Introduction
Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government (CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to count for the CUNY Common Core Requirement.

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

American political, social and cultural history from the time of the European settlements to the Civil War.

Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000

3 hrs

3 cr.

HIST 15200 - The United States from the Civil War Era to the Present (W)

American political, social and cultural history from the Civil War to the present.

Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000

3 hrs

3 cr.
This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and social systems, and their potential for and challenges to sustainable development.

Offered fall and spring

GEOG 22100 - Economic Geography and Globalization

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out

Not open to freshmen

GEOG 24100 - Population Geography (W)

Course will explore several critical issues such as population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and
This will examine the “mechanics” of computing population growth and change as well as different ways to visually display measures of population.

Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

GEOG 24300 - Urban Geography
GER 3/B
Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GEOG 24700 - Cultural Geography
GER 3/B
This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between landscapes, and identities.

prereq: ENGL 12000, and GEOG 10100 - or - GEOG 15000
3 hrs
3 cr.

GEOG 30500 - Special Topics in Urban and Regional Dynamics
Advanced topics in urban geography. Topics will vary. Open to Jr/Sr only.
prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr.

GEOG 30600 - Special Topics in Contemporary Regional Geographies
Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to Jr/Sr only.
prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr.

GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions
GER 3/B
Topics will vary. Open to Jr/Sr only.
Urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical decision making. Transportation fee for field work may be required.

prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr.

Political Science & Economics (6 credits)

ECO 10000 - Introduction to Economics
Hunter Core
Individual and Society (Social Sciences) - I&S SS
GER 2/B
Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings. Suitable for students in any major, and serves as the gateway course into the economics major.
ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major. ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

prereq: Math/Writing Proficient/Non degree students
3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction
Hunter Core
US Experience in its Diversity (USED)
GER 1/C or 2/B
Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government (LEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

History Courses (21 credits)
Choose seven (7) courses from the list below with a maximum of 6 credits in history courses at the 100-level (other than HIST 15100 and HIST 15200) and a minimum of 9 credits in history courses at the 300-level or above.

World/Non-US History (12 credits)
Choose at least three credits in each of the following categories (courses may be used to count toward only one category; described category must comprise 50% or more of course content for course to qualify):
the 400 level approved by the Undergraduate Advisor and/or the Department Chair, as involving significant writing in the major, or graduate- 
minating seniors.

Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community 
language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current

Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as 
applied to the secondary setting, grades 7-12.

Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test assessment.

Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for
Methods I: Classroom Organization, Management, and Instruction in Social Studies, Grades 7-12

In current theories of the nature of students, the social sciences and secondary schooling.

Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, safety, and violence prevention and intervention.

Methods II: Teaching Diverse Learners in Social Studies, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in the social studies. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.

Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Student Teaching in Social Studies, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified social studies teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

DCP to identify it as a professional course rather than one in the liberal arts.

2300 or SEDC 32400 or SEDC 32500

DCP to identify it as a professional course rather than one in the liberal arts.
Teaching Students with Special Needs in Inclusive Settings

And maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their day. Our focus on behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major:

• Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop.

The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Childhood Education, Grades 1-6 - BA

The Childhood Education, Grades 1-6 (QUEST) undergraduate teacher education program prepares students to become New York State certified teachers of childhood education. This program is committed to preparing effective urban elementary school teachers who can deal effectively with the wide range of diverse learning needs found among the City's students. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public Schools. This is a 42-45 credit program in which students have an option to complete the course of study over four or six semesters.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.
Apply to QUEST if the total of their completed credits plus credits in which they are currently enrolled is at least 30 credits.

A Hunter College Grade Point Average (GPA) of 3.0 or better.

Evidence of advanced writing ability through a review of English composition and writing intensive coursework.

• Declaration of an appropriate liberal arts and sciences major.

• Participation in a group interview.

Liberal Arts & Sciences Major Requirement

All students in School of Education programs must also declare a major in the School of Arts & Sciences. This major must lead to a BA degree.

See the School of Arts & Sciences for more information on major options.

Academic Progress Standards

• Students must maintain a GPA of at least 3.0 and an education sequence index of at least 3.0.

• Students must receive grades of C or better in Childhood Education courses that do not include fieldwork. QUEST fieldwork courses require a grade of B or better. All QUEST courses are repeatable once by students who have received a grade of D in a non-fieldwork course or a grade below B in a fieldwork course. Students must officially re-register for these courses. Students who receive an F in any course may not continue in the program. Students who receive an F or D in fieldwork may not continue in the program.

In order to register for QSTA 40680 - Mathematics Teaching and Learning in Elementary School, students must have completed MATH 10400 (STEM) and MATH 10500. If progress through the QUEST program would be delayed by the requirement for MATH 10500 as a prerequisite, then the program coordinator may allow students to enroll in QSTA 40680 after completing MATH 10400 (STEM) and registering for MATH 10500.

Course of Study

Academic Plan: CHILDED - BA

Credits: 42 - 45

MATH 10400 (STEM) - Mathematics for Elementary Education I

Hunter Core

Math/Quantitative Reasoning

GER 1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.

prereq: grade of C or better in MATH 10100 or MATH 101EN or appropriate score on the placement exam

3 hrs 3 cr.

MATH 10500 - Mathematics for Elementary Education II

GER 1/B

Prerequisites and Corequisites

101EN or appropriate score on the placement exam
Continuation of MATH 10400. Continuation of the content of the mathematics recommended by the NCTM for prospective elementary school teachers, including probability, statistics, plane and transformational geometry, congruence and similarity.

Prerequisite: grade of C or better in MATH 10400
3 hrs
3 cr.

HEDP 31400 - Health Education for the Classroom Teacher
The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and prevention of child abuse and neglect; environmental health; and violence prevention.

HEDP changed to HEDP effective Spring 2018

Corequisite: QSTAP 40080
3 hrs
3 cr.

QSTA 40080 - The Art of Effective Teaching
This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

2 hrs
2 cr.

QSTB 20280 - Child Growth and Development
The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical contexts of child development, including family, peers and the media will be included.

Corequisite: QSTA 40100, QSTAB 30000
Prerequisite or Corequisite: QSTA 40080
2 hrs
2 cr.

QSTP 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading
The theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology

Please note that QSTP will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

2 hrs
2 cr.
Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may not be repeated more than once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

**Content Areas**

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

**Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools**

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama, and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

**Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools**

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in grades 1-6. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.

Please note that effective spring 2018 QSTAP will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.
Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the prerequisite requirement.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.

Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.

Please note that effective spring 2018 QSTAP will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.

Please note that effective spring 2018 QSTAP will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.
**Special Needs in Inclusive Settings**

creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of the day. The focus will be on the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to students with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with special needs.

**Urban Education**

Students will explore the intricacies of urban education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.

**Elementary Schools**

Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co-requisite student teaching in science.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

**QSTAP 41580 - Student Teaching**

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.
Six-Quarter Track

Semester 1
- HEDP 31400 Health Education for the Classroom Teacher
- QSTA 40080 The Art of Effective Teaching
- MATH 10400 (STEM) - Mathematics for Elementary Education I (or its prerequisite, if required: MATH 10100 or MATH 101EN)

Semester 2
- QSTA 40180 Developmental Reading
- QSTB 20280 Child Growth and Development
- QSTP 30000 Fieldwork I: Fieldwork for Child Development and Developmental Reading
- MATH 10500 - Mathematics for Elementary Education II (or MATH 10400 if not yet taken)

Semester 3
- QSTA 41080 Literacy Across the Content Areas
- QSTA 41280 Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools
- QSTP 30100 Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools
- MATH 10500 - Mathematics for Elementary Education II (if not yet taken)

Semester 4
- QSTB 41380 Psychology of Teaching and Learning
- QSTA 40680 Mathematics Teaching and Learning in Elementary School
- QSTP 30200 Fieldwork III: Fieldwork for Mathematics Teaching and Learning and Psychology of Teaching and Learning

Semester 5
- QSTA 40780 The Arts: An Interdisciplinary Learning Experience
- QSTB 40380 Social Foundations of Urban Education
- SPED 30800 Teaching Students with Special Needs in Inclusive Settings
Semester 6
QSTA 41480 Teaching Science in Elementary Schools
QSTAP 41580 Student Teaching
Four Semester Track

Semester 1
HEDP 31400 Health Education for the Classroom Teacher
QST A 40080 The Art of Effective Teaching
QSTA 40180 Developmental Reading
QSTB 20280 Child Growth and Development
QSTP 30000 Fieldwork I: Fieldwork for Child Development and Developmental Reading
MATH 10400 (STEM) - Mathematics for Elementary Education I (or its prerequisite, if required: MATH 10100 or MATH 101EN)

Semester 2
QSTB 40380 Social Foundations of Urban Education
QSTA 41080 Literacy Across the Content Areas
QSTA 41280 Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools
QSTP 30100 Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools
MATH 10500 - Mathematics for Elementary Education II (if not yet taken)

Semester 3
QSTA 40780 The Arts: An Interdisciplinary Learning Experience
SPED 30800 Teaching Students with Special Needs in Inclusive Settings
QSTB 41380 Psychology of Teaching and Learning
QSTA 40680 Mathematics Teaching and Learning in Elementary School
QSTP 30200 Fieldwork III: Fieldwork for Mathematics Teaching and Learning and Psychology of Teaching and Learning
MATH 10500 - Mathematics for Elementary Education II (if not yet taken)

Experience
Inclusive Settings
Elementary School
Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Semester 2 (if not yet taken)
Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

The BA program in PreK-12 Dance Education leads to initial certification as a teacher in New York State.

Undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in Pre K-12 schools. Teacher candidates will take a sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public Schools. The Education course of study is a 27-credit sequence that students usually complete over four semesters in addition to the major in the subject they plan to teach.

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty, including the coordinator of the BA dance education program. Hunter students can request an interview throughout the year. Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter. The School of Education does not accept non-degree or second degree students.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Dance.
- Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.
Academic Plan:

DANCAE - BA &
MHCDAAE - BA

Total Credits Required

Subtotal = 64 - 68
Electives = 3
Total credits required = 67 - 71

Dance Requirements (42 - 46 credits)

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement
tive Fall 2019.

Parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements) are:

• From any one department will count for the CUNY Common Core Requirement.

Format of 42 credits is divided into 4 areas of study:

Dance Technique and Performance (20-24 credits minimum)

Creative work: Improvisation, choreography, performance (11 credits)

Dance Studies (8 credits minimum)

Electives or Repeatable Courses (3 credits minimum)

Dance Technique and Performance (20 credits minimum)

• Four credits minimum of any style at level I (or the appropriate level for the ability of the student as determined in the placement class) (4)
• Four credits of dance technique any style level III (4)
• Eight credits of dance technique electives any style at level I or higher (8)
• DAN 43200 - Repertory I (1) and DAN 43300 - Repertory II (1)
• DAN 44000 - Lecture/Demonstration Touring Group (2)

*Note: Special topics courses change every semester offering differing styles and genres of dance technique.

Creative Work (11 credits)

DAN 12400 - Production Crew

Production Crew provides students with insights and firsthand experience as a participant in the physical production of theatre. This course allows students to build an
the practical function of theatrical production techniques.
Introduction

Improvisation

Structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.

Stagecraft

This course focuses on the practical experience of dance production, including work backstage and other aspects of production. May be taken twice for credit with permission of department.

Composition I

Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.

Composition II

Continued application of basic principles of composition; conception, planning and realization of complete dances; preparation of dances for concert by integrating all aspects of production. Two additional hours of open studio are recommended for this course.

- All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

- Prerequisites:
  - DAN 22100
  - DAN 32100
  - Declaration of Dance Major or Dance Minor

- Open studio hours:
  - DAN 22400: 3 hrs
  - DAN 32100: 3 hrs
  - DAN 42100: 2 hrs
Dance Workshop

This advanced composition course provides a structure for continued choreographic practice leading to public performance. The course concentrates on development of individual rehearsal practices, and seeing a choreographic project to completion in terms of thematic material, methodology, visual design, and production best practices. May be taken twice for credit with permission of the department.

Prerequisite or corequisite: DAN 42100

4 hrs, 2 cr.

DAN 42400 Production Crew

Practical application of advanced production skills: a design course for advanced dance and choreography students. Tools, techniques and skills required to produce live dance performances. May be taken twice for credit with permission of the department.

Prerequisite:

DAN 22400

3 hrs, 3 hrs open studio, 2 cr.

*Please note that DAN 12400 Production Crew must be taken twice.

Dance Studies (8 credits minimum)

DAN 21300 Basic Musicianship for Dancers

Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Open only to Dance majors and minors. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Prerequisite:

DAN 210

3 hrs, 2 cr.

DAN 23200 Global Dance History

Creative Expression (CE)

Pluralism and Diversity (PD/D)

GER
Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**Electives (3 credits)**

1. **DAN 15100 - Global Dance 1**
   - Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.
   - 2 hrs, 1 cr.

2. **DAN 25100 - Global Dance 2**
   - Expanded progressions in folk forms of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.
   - Prereq: DAN 15100
   - 2 hrs, 1 cr.

3. **DAN 25200 - Special Topics: Traditional Dance I**
   - Pluralism and Diversity
   - Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
   - This course only partially fulfills the electives requirement for the Dance BA degree.
   - Prereq: placement class
   - 4 hrs, 2 cr.

4. **DAN 25300 - Jazz Dance 1**
   - 2 credits

5. **DAN 25400 - Jazz Dance 2**
   - 2 credits

6. **DAN 35200 - Special Topics: Traditional Dance II**
   - Pluralism and Diversity
   - Topics: Traditional Dance I and II

**Topics: Traditional Dance I**

- Introductions of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.

**Topics: Traditional Dance II**

- Introductions of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.

Electives (3 credits)**

1. **DAN 15100 - Global Dance 1**
   - Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.
   - 2 hrs, 1 cr.

2. **DAN 25100 - Global Dance 2**
   - Expanded progressions in folk forms of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.
   - Prereq: DAN 15100
   - 2 hrs, 1 cr.

3. **DAN 25200 - Special Topics: Traditional Dance I**
   - Pluralism and Diversity
   - Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.
   - This course only partially fulfills the electives requirement for the Dance BA degree.
   - Prereq: placement class
   - 4 hrs, 2 cr.

4. **DAN 25300 - Jazz Dance 1**
   - 2 credits

5. **DAN 25400 - Jazz Dance 2**
   - 2 credits

6. **DAN 35200 - Special Topics: Traditional Dance II**
   - Pluralism and Diversity
   - Topics: Traditional Dance I and II

**Topics: Traditional Dance I**

- Introductions of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.

**Topics: Traditional Dance II**

- Introductions of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.
Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit.

Prereq: DAN 25200, perm dept.

4 hrs 2 cr.

DAN 37000 Special Topics in Dance Studies (2 credits)

DAN 34200 Teaching Dance

Teaching Dance will be a combination of a lab and lecture course. Readings from the field will include the methodologies of teaching different genres for different populations. Students will present in class three times per semester. They will also perform extensive field work observing and interviewing teachers, studio owners, directors of professional programs that exist today. The course will discuss and observe differing teaching methodologies. Students will read, observe and comment on thoughts about the pedagogy of Dance.

Prereq: DAN 31000 and/or DAN 24500

4.5 hrs 3 cr.

DAN 25500 Dance Pedagogy

The course traces the history of teaching dance in studios, dance schools, academies, public schools, arts schools, and in higher education in the US and internationally and explores the different kinds of programs that exist today. The course will discuss and observe differing teaching methodologies. Students will read, observe and comment on teachers, as well as present their thoughts about the pedagogy of Dance.

Prereq: DAN 31000 and/or DAN 24500

4 hrs 2 cr.

DAN 46100 Seminar in Dance

Survey of dance careers, grant writing, arts administration, resume writing and relevant topics related to the socio-political climate of our times in relation to art.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Prereq: DAN 31000, DAN 32100

3 hrs 3 cr.

DAN 48000 Independent Study in Dance

In-depth study in area of special interest for qualified students under direction of faculty adviser.
All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Prereq:
- minimum 15 dance received at Hunter, major GPA 3.0, overall GPA 2.5. Open to dance majors and minors only.
- 3-9 hrs 1-3 cr.

DAN 49000 - Honors in Dance
- GER 3/A
- Open to Jr/Sr Dance majors only.
- Individual study leading to completion of honors essay or production book in creative performance.

Prereq:
- minimum 18 dance, major GPA 3.5, overall GPA 2.8 hrs TBA 1-3 cr.

DAN 49800 - Internship
- GER 3/A
- Open to dance majors with 15 credits in dance from Hunter.

Creative Work courses are repeatable for elective credit.

Includes a varied offering of techniques and genres including Partnering, Hip Hop, Yoga, African Forms, Indian Forms, Latin Jazz and Gaga.

Note: Not all required classes are offered every semester. Meetings with dance advisors on a regular basis and prior to registration are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Dance Progress Standard: All dance majors must demonstrate proficiency to qualify for level 1 or higher in contemporary, ballet or hip-hop dance technique by the 5th semester of their college career. Inability to complete at least level 1 Contemporary, Ballet or Hip Hop technique after 3 attempts will result in the student being removed from the major.

Education Requirements (25 credits)

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parent-school-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork
2 cr.

Educational Psychology: Applications in Grades 7-12

Examining the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

2 hrs per week plus 36 hrs fieldwork
2 cr.

Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, scores, performance outcome measures and alternative forms of assessment.

2 hrs plus lab
2 cr.

The Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.

Adolescent Health and Safety

Related to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

1 hr
1 cr.

Theory and Practice of Teaching Dance (pre-K-12)

Introduces pre-K-12 to students with diverse backgrounds and abilities in diverse learning environments; the organization of instruction and classroom management strategies; technological resources; community and family resources.

Effective Spring 2018 -
DANED changed to DANEP-
Completed 12 cr in dance or perm dance adviser
DANED prerequisite or corequisite:
SEDF 20400
3 hrs plus 36 hours fieldwork
4 cr.
Students with Special Needs in Inclusive Settings

The benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment are explored. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus — though we will inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on “collaborative education” to serve students with disabilities.

Prereq:
- QSTA 40080 or QSTAP 40080
- EDC 21300 or SEDC 321000 or SEDC 21200

Teaching in Dance, Grades Pre-K-12

(one in grades pre-K-6 and one in grades 7-12) in New York City public schools selected by Hunter College. Special Conditions: Students must apply for student teaching the fall semester before enrolling in this course. Scores on the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examination must have been received by the coordinator of adolescent education prior to enrollment in student teaching.

18 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

Exit Standards

Criteria in order to graduate with a School of Education major or minor:
- GPA of at least 3.0
- Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

BA/MA

Dance Education leads to initial certification as a teacher in New York State.

PreK - 12 BA/MA major

Education major as part of your bachelor's degree, you must complete a group interview with faculty, including the coordinator of the BA/MA Dance Education applicant should also set up a time for the Dance Education Coordinator, in consultation with dance faculty, to be observed in a dance class. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.
Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter. The School of Education does not accept non-degree or second-degree students.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Dance.
- Participation in a group interview.

Meeting minimum requirements to declare the major does not guarantee entry into the program.

Requirements

Dance Progress Standard

All dance majors must demonstrate proficiency to qualify for level 1 or higher in contemporary, ballet or hip-hop dance technique by the 5th semester of their college career. Inability to complete at least level 1 Contemporary, Ballet or Hip-Hop technique after 3 attempts will result in the student being removed from the major.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an undergraduate education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any Education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Graduate Academic Progress Standards

- Minimum GPA for Retention - Graduate students must maintain a minimum cumulative GPA of 3.0 to remain at Hunter College. Students whose grades fall below this standard are required to raise their GPAs to at least 3.0 within one semester.
- Progress holds due to Incomplete Grades - Students with two or more INCs will not be allowed to register for any courses.
- Performance Standards - Students must receive a grade of at least a B in key program courses. To receive a grade of F or WU in key program courses may not continue in the program. Courses are identified by the label (KC) in the course title.

More Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

Dance, the courses that meet CCCR are:

**DAN 10200 - Dance in Culture**

Creative Expression (CE)

Introduction course designed to introduce students to the art of dance through analysis of history, dance style and socio-political underpinnings. This course includes participation in both lecture and movement sessions. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

**DAN 23200 - Global Dance History**

Creative Expression (CE)

Pluralism and Diversity

Readings, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends. All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Course of Study**

Academic Plan: DANCE-BAMA

Subtotal = 86-94

Electives = 3

Total credits required = 89-97

**Dance Requirements (42-50 credits)**
Dance Curriculum of 42 credits is divided into 4 areas of study:

• Dance Technique and Performance (20-24 credits minimum)
• Creative work: Improvisation, choreography, performance (11 credits)
• Dance Studies (8 credits minimum)
• Electives (3 credits minimum)

1. Dance Technique and Performance (20-24 credits)

Four credits minimum of any style at level I (or the appropriate level for the ability of the student as determined in the placement class) (4)
Four credits of dance technique any style level III (4)
Eight credits of dance technique electives any style at level I or higher (8)

DAN 43200 - Repertory I

This course is open to dance majors and minors only. Performance course for intermediate and advanced students. Students are expected to participate with high level of professionalism and focus. The choreographer and choreographic material change every semester. Some casting may be done via audition. May be taken two times for credit with permission of the department.

Prereq: permission of dept.
3 hrs, 3 hrs open studio

DAN 44000 - Lecture/Demonstration Touring Group

Performance of prescribed choreography in lecture/demonstration format to be presented in public schools on a weekly basis during the fall semester. Open to dance majors/minors only. Students must be available to rehearse intensively for 1 week before classes begin. May be taken two times for credit with permission of the department.

Prereq: permission of dept.

*Note: Special topics courses change every semester offering differing styles and genres of dance technique.

2. Creative Work (11 credits)

DAN 12400 - Production Crew

Production Crew provides students with insights and firsthand experience as a participant in the physical production of theatre. This course allows students to build an understanding and appreciation of the practical function of theatrical production techniques.
DAN 22100 - Improvisation

Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential. May be taken 3 times for credit with permission of department.

Prereq: Declaration of Dance Major or Dance Minor

DAN 22400 - Stagecraft

This course focuses on the practical experience of dance production, including work backstage and other aspects of production. May be taken twice for credit with permission of the department.

Prereq: perm dept.
3 hrs open studio

DAN 32100 - Composition I

Pluralism and Diversity

3/A

Introduction to dance composition. Students will compose solo, duet, and small group works, applying their understanding of basic compositional devices to projects developed during class time as well as during independent practice.

Prereq: DAN 22100, permission of dept.
2 hrs open studio

DAN 42100 - Composition II

Continued application of basic principles of composition; conception, planning and realization of complete dances; preparation of dances for concert integrating all aspects of production. Two additional hours of open studio are recommended for this course.

Prereq: DAN 32100, perm dept.
DAN 42200 - Dance Workshop

This advanced composition course provides a structure for continued choreographic practice leading to public performance. The course concentrates on development of individual artistic voice, refining effective rehearsal practices, and seeing a choreographic project to completion in terms of thematic material, methodology, visual design, and production best practices. May be taken twice for credit with permission of the department.

Prereq or coreq: DAN 42100

DAN 42400 - Production

Practical application of advanced production skills: a design course for advanced dance and choreography students. Tools, techniques and skills required to produce live dance performances. May be taken twice for credit with permission of the department.

Prereq: DAN 22400

* Please note that DAN 12400 Production Crew must be taken twice to complete the major

Dance Studies (8 credits)

DAN 21300 - Basic Musicianship for Dancers

For music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm and harmony through movement. Only to Dance majors and minors.

Prereq: DAN 21000

DAN 23200 - Global Dance History

Hunter Core

Creative Expression (CE)

Pluralism and Diversity
Readings, lectures, films, discussions of 20th century ballet, modern, social and popular theatre dance forms; analysis of individual styles and cultural trends. Required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure required coursework will be completed in time for graduation.

**Prerequisites:** N/A

**3 hrs. 3 cr.**

**DAN 35000 - Anatomy and Kinesiology for Dancers**

Anatomy of skeletal, muscular and neuromuscular systems; anatomical analysis of basic movement; application of anatomical information to proper and successful performance of dance.

*Prerequisites or Corequisites:* Any course in **DAN**

**3 hrs. 3 cr.**

**DANED 30200 - Theory and Practice of Teaching Dance (Pre-K-12)**

Methods of teaching dance in grades Pre-K-12 to students with diverse backgrounds and abilities in diverse learning environments; the organization of instruction and classroom management strategies; technological resources; community and family resources.

Field work required.

**DANED changed to DANEP - effective Spring 2018 -**

*Prerequisites:* Completed 12 cr in dance or perm dance adviser

*Prerequisites or Corequisites:* **SEDF 20400**

*Plus 36 hours fieldwork*

**Electives (3 credits)*

Dance Technique Electives

**DAN 15100 - Global Dance 1**

Development of basic dance skills necessary for participation in international folk dances. Students are exposed to dance and music of world cultures. Open to Dance majors and minors only. May be taken three times for credit with permission of the department.

**DAN 25100 - Global Dance 2**
Expanded progressions in folk forms of dance. Presentation of materials based on advanced skills. May be taken three times for credit with permission of the department.

Prereq: DAN 15100

DAN 25200 - Special Topics: Traditional Dance I

Pluralism and Diversity

Introduction to the cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

This course only partially fulfills the electives requirement for the Dance BA degree.

Prereq: Placement class

DAN 35200 - Special Topics: Traditional Dance II

Pluralism and Diversity

Continuation of DAN 25200. Further investigation of cultural context and techniques of traditional, social, and urban movement practices: Topics vary. May be taken twice for credit with permission of department.

Prereq: DAN 25200, perm dept.

DAN 25300 Jazz Dance 1 (2 credits)
DAN 25400 Jazz Dance 2 (2 credits)

Other Electives
DAN 37000 Special Topics in Dance Studies (2 credits)

DAN 25500 - Dance Pedagogy

The course traces the history of teaching dance in studios, dance schools, academies, public schools, arts schools, and in higher education in the US internationally and explores the different kinds of programs that exist today. The course will discuss and observe differing teaching methodologies. Students will read, observe and comment on teachers, as well as present their thoughts about the pedagogy of Dance.

Prereq: DAN 31000 and/or DAN 24500

DAN 34200 - Teaching Dance
Teaching Dance will be a combination of a lab and lecture course. Readings from the field will include the methodologies of teaching different genres for different populations. Students will present in class three times per semester. They will also perform extensive field work observing and interviewing teachers, studio owners, directors of professional training programs, etc.

Prereq: DAN 31000 and/or DAN 24500

4.5 hrs
3 cr.

DAN 46100 - Seminar in Dance

Survey of dance careers, grant writing, arts administration, resume writing and relevant topics related to the socio-political climate of our times in relation to art.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure required coursework will be completed in time for graduation.

Prereq: DAN 31000, DAN 32100

3 hrs
3 cr.

DAN 48000 - Independent Study in Dance

In-depth study in area of special interest for qualified students under direction of faculty adviser.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure required coursework will be completed in time for graduation.

Prereq: minimum 15 dance received at Hunter, major GPA 3.0, overall GPA 2.5. Open to dance majors and minors only.

3-9 hrs
1-3 cr.

DAN 49000 - Honors in Dance

Open to Jr/Sr Dance majors only. Individual study leading to completion of honors essay or production book in creative performance.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure required coursework will be completed in time for graduation.

Prereq: minimum 18 dance, major GPA 3.5, overall GPA 2.8

TBA
1-3 cr.

DAN 49800 - Internship

Open to dance majors with 15 credits in dance from Hunter.

All required classes are not offered every semester. Annual meetings with dance advisers are essential for both majors and minors in order to assure
DAN 32400

3 - 6 cr.

* Dance Technique and Creative Work courses are repeatable for elective credit.

Note: Special Topics includes a varied offering of techniques and genres including Partnering, Hip Hop, Yoga, African Forms, Indian Forms, Latin Jazz and Gaga.

Note: Not all required classes are offered every semester. Meetings with dance advisors on a regular basis and prior to registration are essential for both majors and minors in order to assure that required coursework will be completed in time for graduation.

Graduate Dance Courses (20 credits)

(For descriptions please see the graduate catalog)

70100: Physical Training *
70500: Maintenance of the Instrument
73000: Studies of Forms
73500: Performance/Presentation
74000: Aesthetics
74200: Dance History
74600: Special Topics

* Please note that DAN 70100 Graduate Dance Technique must be taken twice to complete the major.

Education Requirements (27 credits)

Undergraduate Courses

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

SEDF 20400 - Adolescent Development
The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

SEDF 20500 - Educational Psychology: Applications in Grades 7-12

This educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

Prereq: SEDF 20300, 20400

SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

Prereq: SEDF 20300, 20400

Graduate Courses (for descriptions please see the graduate catalog)

SPED 70800: Teaching Students with Special Needs in Inclusive Settings
SEDF 70600: Assessment of Teaching and Learning in Adolescent Education
DANED 76000: Methods I
DANED 76200: Methods II
DANED 76605: Student Teaching

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major:

- Have an overall GPA of 3.0
- Successful completion of an online Dance Education Professional Teaching Portfolio (PTP)
- Complete the Dignity for All Students Act (DASA) antibullying workshop

Early Childhood Education, Birth-Grade 2 - BA

The Early Childhood, Birth through Grade 2 undergraduate teacher education program prepares students to become New York State certified teachers of early childhood education. This program is designed to prepare prospective teachers to serve as high-quality educators
for students in urban schools and other childcare settings. Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools. This is a 39-42 credit program in which students have an option to complete the course of study over four or six semesters.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

- Complete at least 30 credits toward the Bachelor's degree. Students with more than 72 credits should consider pursuing Early Childhood Education at the graduate level.
- Attain a Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Declare an appropriate liberal arts and sciences major either preceding admission or upon admission to the program.

Liberal Arts & Sciences Major Requirement

All students in School of Education programs must also declare a major in the School of Arts & Sciences. This major must lead to a BA degree.

See the School of Arts & Sciences for more information on major options.

Academic Progress Standards

Students must meet the following criteria in order to continue in the program:

- A minimum grade of C or better in all non-field courses (Courses can only be repeated once)
- A minimum grade of B or better in all fieldwork courses. (Fieldwork courses can only be repeated once)
- Maintain a cumulative GPA of at least 3.0
- Complete 6 credits of study in a foreign language (or be exempt from the foreign language requirement) prior to the completion of ECC 30600: Language and Literacy for Children of Diverse Backgrounds, K-2
- Complete Math 10400 (STEM) with a minimum grade of C prior to registering for ECC 31000: Mathematics in Early Childhood.
- Follow the course sequence, which represents the required classes that Early Childhood students must take each semester. The courses for each semester must be completed successfully in that term.

Course of Study
Academic Plan: ECHEDB2-BA

Credits: 39-42

MATH 10400 (STEM) - Mathematics for Elementary Education I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers and number theory. Required of students planning to teach in elementary schools. Not open to other students.

prereq: grade of C or better in MATH 10100 or MATH 101EN or appropriate score on the placement exam
3 hrs
3 cr.

ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8

This course will examine the history of child development and the major theories and theorists in the area of child development. An understanding of research strategies and the impact of cultural, biological and environmental influences on the development of young children will also be examined. Current research in the areas of prenatal development, physical, cognitive, language, social, emotional and early brain development will also be discussed.

prereq: ENGL 12000
coreq: ECF 20100, ECC 30000
3 hrs
3 cr.

ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education

An examination and analysis of the social and historical contexts of early childhood education including applications to contemporary issues in the education of young children in families, childcare centers, schools and communities in urban settings.

coreq: ECF 20000, ECC 30000
2 hrs
2 cr

ECC 30000 - Early Childhood Programs and Curricular Frameworks

Students will gain an in-depth understanding of the array of early childhood programs that comprise the field of early care and education. In addition, students will learn about philosophies and approaches to curriculum that are commonly used in early childhood settings including Montessori education, Reggio Emilia, the Project Approach, High Scope Curriculum, and the Creative Curriculum.

coreq: ECF 20000, ECF 20100
3 hrs
3 cr.
ECC 30400 - Creative Arts and Play-Based Learning

Theoretical and practical aspects of play, creativity and arts-based learning are the central tenets of this course. Students will gain fundamental knowledge for constructing playful learning experiences across early learning settings, particularly within the context of the standards-based, high-stakes accountability climate of education in the United States and beyond.

prereq: ECC 30000, ECF 20000, ECF 20100
2 hrs
2 cr

ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (B-Prekindergarten)

This course is grounded in research and practice in language learning and the development of early literacy among diverse learners. Examination of the process of literacy development between Birth and age 4 and the role of families, programs and schools in early literacy development.

prereq: 6 credits of foreign language; ECC 30000, ECF 20000, ECF 20100
3 hrs
3 cr.

ECC 30100 - Field work/Internship 1

This supervised experience gives students the means to connect conceptual and theoretical information about children in a preschool setting. Students will have the opportunity to examine the developmental progression of early and emergent skills as they relate to infant, toddler, and preschoolers' development. Students will also have the opportunity to discuss developmentally appropriate assessments and how parents/caregivers can document developmental milestones of children birth through age 4. Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

coreq: ECC 30500
prereq or coreq: ECF 20000, ECC 30000, ECC 30400
50 hrs.
1 cr.
Offered fall and spring

ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds

An overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will also gain knowledge and skills on working with children who are emerging language learners (ELLs). Assessment and screening strategies will be discussed to meet the educational needs of all students.

prereq: ECF 20000, ECC 30000, ECC 30500
3 hrs
3 cr.
ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade

Theoretical and practical aspects of early childhood literacy instruction with particular emphasis on teaching literacy to diverse populations between the grades of Kindergarten and 2nd grade will be addressed. In addition, the role of family and community involvement and the use of technology for literacy development.

_prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500
3 hrs
3 cr.

ECC 30200 - Field work/Internship 2

This supervised experience gives students the means to connect conceptual and theoretical information about children in kindergarten through second grade. Students will have the opportunity to examine the listening, speaking, reading, and writing development of young children across a variety of cultural and linguistic communities. Students will examine the roles of families, programs, schools, and communities in urban environments, as well as the assessment of early literacy development. Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

_prereq: ECF 20000, ECC 30000, ECC 30100, ECC 30400, ECC 30500
coreq: ECC 30600
_prereq or coreq: ECF 20100
50 hrs.
1 cr.
Offered fall and spring

ECC 31000 - Mathematics in Early Childhood

Examines the theories and research that focus on the relationship between children's development and learning of mathematical concepts and skills. Appropriate mathematics activities for children from birth through second grade and ways of assessing mathematical learning in diverse infant, toddler, preschool, and grade K-2 settings.

_prereq: MATH 10400; ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800
3 hrs
3 cr.

ECC 31100 - Early Childhood Science and Inquiry-Based Learning

Explores the theories and research of scientific thinking in young children. Assessing science learning in diverse infant, toddler, preschool and grade K-2 settings and how to incorporate the use of community resources in scientific learning will be discussed.

_prereq: Two semesters of natural science which must include: 3 credits eligible to meet CUNY Common Core in Life and Physical Sciences and 3 credits eligible to meet CUNY Common Core in Scientific World (CSCI and ECO courses do not qualify for this requirement); ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500, ECC 30600, ECC 30800
2 hrs
2 cr.
ECC 30300 - Field work/Internship 3

This supervised experience gives students the means to connect conceptual and theoretical information about children in first or second grade. Students will have the opportunity to examine developmentally appropriate activities for children and ways of assessing learning in diverse settings. Students will examine the roles of families, programs, schools, and communities in urban environments, as well as the assessment of mathematical and science development.

Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30100, ECC 30200, ECC 30400, ECC 30500, ECC 30600, ECC 30800
coreq: ECC 31000
50 hrs.
1 cr.
Offered fall and spring

ECC 31400 - Health, Family, and Community Partnerships

This course gives students the means to understand how to promote children's health, safety, and nutrition. Students will also gain skills and knowledge needed to foster positive, reciprocal relationships with families of diverse backgrounds. In meeting the NYSDOE mandate, child abuse, drug abuse prevention, prevention of school violence, anti-bullying, and fire safety workshops are included.

prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr.

ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade

Provides students with an understanding of the role of assessment for planning and implementing effective early childhood instruction for young children, ages birth to age eight, from culturally diverse environments and with varied learning needs.

prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr.

ECC 40100 - Student Teaching

Students will complete one semester of student teaching in early childhood settings, including preK settings, kindergarten, first, and second grade classrooms. Students will complete their student teaching in at least two of the following early childhood settings: pre-kindergarten, kindergarten, first grade or second grade. Students will attend seminar for 30 hours during the semester to discuss topics that range from classroom management to supporting children with diverse learning needs. During student teaching, students will complete the Teacher Performance Assessment (edTPA).

prereq: ECF 20000, ECF 20100, ECF 40200 ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100, ECC 31400
3 hrs
3 cr.
Six-Semester Track

Semester 1
ECF 20000 Human Development and Theories of Learning, Prenatal-Age 8
ECC 30000 Early Childhood Programs and Curricular Frameworks
ECF 20100 Social and Historical Foundations of Early Childhood Care and Education
MATH 10400 (STEM) - Mathematics for Elementary Education I (or its prerequisite, if required: MATH 10100 or MATH 101EN)

Semester 2
ECC 30500 Language and Literacy for Children of Diverse Backgrounds (B-Prekindergarten)
ECC 30400 Creative Arts and Play-Based Learning
ECC 30100 Field work/Internship 1
MATH 10400 (STEM) - Mathematics for Elementary Education I (if not yet taken)

Semester 3
ECC 30600 Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade
ECC 30800 Inclusionary Practices and Teaching Children of Diverse Backgrounds
ECC 30200 Field work/Internship 2

Semester 4
ECC 31000 Mathematics in Early Childhood
ECC 31100 Early Childhood Science and Inquiry-Based Learning
ECC 30300 Field work/Internship 3

Semester 5
ECC 31400 Health, Family, and Community Partnerships
ECF 40000 Assessment in Early Childhood, Birth through 2nd Grade

Semester 6
ECC 40100 Student Teaching
Four-Semester Track

**Semester 1**

ECF 20000 Human Development and Theories of Learning, Prenatal-Age 8

ECC 30000 Early Childhood Programs and Curricular Frameworks

ECC 30100 Field work/Internship 1

ECC 30400 Creative Arts and Play-Based Learning

ECC 30500 Language and Literacy for Children of Diverse Backgrounds (B-Prekindergarten)

MATH 10400 (STEM) - Mathematics for Elementary Education I (or its prerequisite MATH 10100, if required)

**Semester 2**

ECF 20100 Social and Historical Foundations of Early Childhood Care and Education

ECC 30200 Field work/Internship 2

ECC 30600 Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade

ECC 30800 Inclusionary Practices and Teaching Children of Diverse Backgrounds

MATH 10400 (STEM) - Mathematics for Elementary Education I (if not yet taken)

**Semester 3**

ECF 40000 Assessment in Early Childhood, Birth through 2nd Grade

ECC 30300 Field work/Internship 3

ECC 31000 Mathematics in Early Childhood

ECC 31100 Early Childhood Science and Inquiry-Based Learning

**Semester 4**

ECC 31400 Health, Family, and Community Partnerships

ECC 40100 Student Teaching

**School of Education Exit Standards**

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Mathematics (BA/MA): Additional Required Coursework and Student Teaching

Return to: Adolescent Education, Grades 7-12

Adolescent Education BA Course Requirements

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parent-school-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.

SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.
3 hrs
3 cr.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080

-- or --

prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200
3
3

Note

Please note that the parallel courses at the graduate level may be substituted for these undergraduate courses in the BA/MA Mathematics and the BA/MA Dance Programs.

Additional Required Coursework and Student Teaching**

- SEDC 713 - Methods I: Advanced Study of Secondary Learning Environments for Teaching Mathematics and Science 3 cr
- SEDC 723 - Methods II: Intensive Study of Teaching Diverse Learners in Mathematics, Grades 7-12 2 cr
- SEDC 753 - Student Teaching in Mathematics, Grades 7-12 (60 days, 30 hrs seminar, plus workshops and conferences) 5 cr

Note(s)

** See the Graduate Catalog for these graduate course descriptions

Music Pre-K - 12 - BA/MA

The BA/MA program in PreK-12 Music Education leads to initial certification as a teacher in New York State.
This bachelor's / master's program in PreK-12 education is designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their aligned liberal arts or sciences major. Courses for this program are taken at both the undergraduate and graduate levels. This program includes fieldwork in New York City Public schools.

**Declaring the Major**

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

**Requirements to Declare the Major**

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Music.
- Participation in a group interview.

**Undergraduate Academic Progress Standards**

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

**Course of Study**

Academic Plan: MUSCT-BAMA
Music Requirements (57-63 credits)

Piano Proficiency Requirement: All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the third semester of study in music theory (MUSTH 32000). Students entering Hunter with limited keyboard background may take MUSPF 21300-MUSPF 21400 (Piano I and II) for elective credit; a passing grade of C or better in MUSPF 21400 satisfies the piano proficiency requirement in lieu of the examination.

Please note that students admitted to the program must take a proficiency examination during the first two semesters of matriculation in order to remain in the program. This examination will test competence in music theory, music history and literature, and applied skills. Deficiencies revealed by the proficiency examination must be made up by studying the relevant subject matter and passing a reexamination. The proficiency examination requirement must be fulfilled before a student may proceed beyond 18 credits.

As a culminating project, Music TEP students are required to prepare a portfolio containing examples of their work. These can include papers which have been graded and commented on by professors, lesson plans, and student reflections on their own growth and experiences throughout the program. It is important that you save all of your work from all of your classes. During the semester in which you student teach, you will be guided in the preparation of your portfolio.

1. Music history (13 credits)

MUSHL 20100 - Introduction to Music Research

Techniques of research and writing about music. Sources of information (reference books, monographs, periodicals, scores, recordings, Internet resources); types of writing (theoretical, historical, ethnomusicological, critical); writing issues specific to music.

coreq: MUSHL 20500
prereq or coreq: ENGL 12000
1 hr
1 cr.
offered fall

MUSHL 20500 - Music History I

Pluralism and Diversity

PD/D

For music majors. Survey of the history of music in the European tradition to 1600.

prereq: elementary knowledge of music history and literature, demonstrated by dept. exam
coreq: MUSHL 20100
prereq or coreq: MUSTH 22000, 23000, ENGL 12000, perm dept.
3 hrs
3 cr.
offered fall
MUSHL 20600 - Music History II (W)

Pluralism and Diversity
PD/D
For music majors. Continuation of MUSHL 20500. Survey of the history of music in the European tradition from 1600 to 1800.
prereq: MUSHL 20100, 20500, ENGL 12000
prereq or coreq: MUSTH 22100, 23100
3 hrs
3 cr.
offered spring

MUSHL 30500 - Music History III (W)

Pluralism and Diversity
PD/D
Continuation of MUSHL 20600. Survey of the history of music in the European tradition from 1800 to the present.
prereq: MUSHL 20600, MUSTH 22100, 23100
3 hrs
3 cr.
offered fall
• And any other 3-credit MUSHL course at the 300-level.

2. Music Theory (19 credits)

MUSTH 20100 - Introduction to Music Technology

An introduction to basic music technology skills: music notation software, MIDI sequencing, and digital audio editing.
prereq or coreq: prereqs: MUSTH 22000 and 23000, or perm dept.
1 hr
1 cr.
offered spring

MUSTH 22000 - Music Theory I

Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.
prereq: ability to read music as demonstrated by dept. exam, perm dept.
coreq: MUSTH 23000
3 hrs
3 cr.
offered fall

MUSTH 22100 - Music Theory II

Continuation of MUSTH 22000.
prereq: MUSTH 22000
coreq: MUSTH 23100
3 hrs
3 cr.
offered spring
MUSTH 23000 - Musicianship I

Sight singing, ear training, and keyboard drill on materials studied in the corequisite course. Individual work in the Computer Assisted Instruction facility.

**coreq:** MUSTH 22000
3 hrs
2 cr.
offered fall

MUSTH 23100 - Musicianship II

Continuation of MUSTH 23000.

**prereq:** MUSTH 23000
**coreq:** MUSTH 22100
3 hrs
2 cr.
offered spring

MUSTH 32000 - Music Theory III

Intermediate-level study of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

**prereq:** MUSTH 20100, MUSTH 22100
**coreq:** MUSTH 33000
3 hrs
3 cr.
offered fall

MUSTH 33000 - Musicianship III

Sight singing, ear training, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.

**prereq:** MUSTH 23100
**coreq:** MUSTH 32000
3 hrs
2 cr.
offered fall

• and any other 3-credit MUSTH course at the 300-level

3. Performance (6 credits)

2 credits in:

MUSPF 40100 - Individual Instruction in Instrument or Voice

Limited to the 42-credit BA music major, the 25-credit BA music major, the BA/MA music major and the music minor. Audition demonstrating performance skills equivalent to New York State School Music Association (NYSSMA) level 2 or higher. Students must make their own arrangements with department-listed teachers to receive credit for this course. Jury examination required. The jury examination following the second and subsequent semesters of private lessons must demonstrate performance skills equivalent to NYSSMA level 4 or higher.

May be taken 8 times.

**prereq:** perm dept.
1 hr
1 cr.

2 credits in large ensembles:

**MUSPF 22100 - College Choir**

Open to all students. Rehearsal and public performance of major choral works. May be taken 8 times.

3 hrs
1 cr.

**MUSPF 23100 - Hunter Symphony**

Rehearsal and performance of orchestral works. May be taken 8 times.

*prereq: audition, perm instr.*

3 hrs
1 cr.

2 credits in performance electives:
MUSPF 22100 - College Choir
MUSPF 23100 - Hunter Symphony

**MUSPF 24900 - Jazz Ensemble**

Open to all instrumentalists by audition. Study and performance of popular forms of music, including dance, jazz, and musical comedy. May be taken 6 times.

2 hrs
1 cr.

**MUSPF 25000 - Jazz and Popular Music Combos**

Study and performance within a small ensemble context of the popular music genres, such as Pop, Rock, Hip-Hop, R & B, Country/Bluegrass, and Jazz. May be taken 6 times.

*prereq or coreq: audition, dept. permission required*

2 hrs
1 cr.

**MUSPF 25100 - Jazz Vocal Workshop Ensemble**

Jazz performance and improvisation. May be taken 6 times.

*prereq: MUSPF 11100 or 21100 or 40100 in Voice, and audition*

2 hrs
1 cr.

**MUSPF 35300 - Chamber Singers**

Study and public performance of solo and chamber chorus works from all musical eras. May be taken 6 times.

*prereq: audition, perm instr.*

2 hrs
1 cr.
MUSPF 35500 - Chamber Music Workshop

Rehearsal and public performance of instrumental chamber works. May be taken 6 times.

**prereq:** audition, perm instr.

2 hrs
1 cr.

MUSPF 36500 - Topics in Piano Performance

Seminar in performance for advanced piano students focusing on a different topic area each semester. The seminar will involve study and performance of representative works of piano repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.

May be taken 4 times.

**coreq:** MUSPF 40100 or 43100

2 hrs
1 cr.

MUSPF 36900 - Topics in Vocal Performance

Seminar in performance for advanced voice students, focusing on a different topic each semester. The seminar will involve study and performance of representative works of vocal repertoire relevant to the semester's topic area. Each semester will also include individual attention to problems of public performance.

May be taken 4 times.

**prereq:** ENGL 12000

**coreq:** MUSPF 40100 or 43100

2 hrs
1 cr.

- MUSPF 40100 - Individual Instruction in Instrument or Voice

4. Electives (4 credits)

- 4 credits in music courses above the 100-level

5. Graduate Music Courses (15-21 credits)

For course descriptions please see the graduate catalog.

* Students who have studied these subjects at the undergraduate level may be exempted from these requirements.

- MUS 64100 – Strings*
- MUS 64300 – Woodwinds*
- MUS 64500 - Brass*
- MUS 64700 - Percussion Skills*
- MUS 64900 - Piano Skills for Music Teachers*
- MUS 65100 – Conducting*
- MUS 72400 - Advanced Studies in Music Theory 1
- MUS 75100 - Advanced Studies in Music History 1
- MUS 75200 - Advanced Studies in Music History 2
- MUS 77900 - World Music Education
- Music electives: Courses chosen in consultation with graduate adviser (3 credits)
Education Requirements (25-26 credits)

For course descriptions please see the graduate catalog.

- SEDF 70300 - Social Foundations of Adolescent Education
- SEDF 70400 - Adolescent Development, Grades 7–12
- SEDF 70500 - Educational Psychology: Applications to Adolescent Education
- SEDF 70600 - Assessment of Teaching and Learning in Adolescent Education
- SPED 70800 - Teaching Students with Special Needs in Inclusive Settings
- SEDC 71000 - Building the Foundations of Literacy in Adolescent Education
- SEDC 72000 - Adolescent Health and Safety
- MUSED 67700 - Methods of Teaching Instrumental Music in Grades Pre-K-12
- MUSED 67800 - Methods of Teaching Vocal and General Music in Grades Pre-K-12
  - Take either -
  - SEDC 75600 - Student Teaching in Music, Pre-K–12
  - or -
  - SEDC 77610 - Practicum in Music, Grades Pre-K–6
  - Plus -
  - SEDC 77620 - Practicum in Music, Grades 7–12

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

QUEST Four-Semester Sequence for Students Entering the Program with More than 40 credits

Semester I

QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

3 hrs
3 cr.
QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.

coreq: QSTA 40100, QSTAB 30000
prereq or coreq: QSTA 40000
2 hrs
2 cr.

QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

coreq: QSTB 20280, QSTP 30000
prereq or coreq: QSTA 40080
2 hrs
2 cr.

QSTP 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

coreq: QSTAP 40180, QSTB 20280
prereq or coreq: QSTAP 40080, HEDP 31400
75 hrs
1 cr.

HEDP 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education
and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.

HED changed to HEDP - effective Spring 2018 -
coreq: QSTAP 40080
3 hrs
3 cr.

Total ED Credits 11

Fieldwork 75 hours

Semester II

QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
coreq: QSTA 41280, QSTP 30100
2 hrs
2 cr.

QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
coreq: QSTA 41080, QSTP 30100
2 hrs
2 cr.

QSTP 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools
Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 40180, QSTB 20280, QSTP 30000
coreq: QSTAP 41080, 41280
75 hrs
1 cr.

QSTB 40380 - Social Foundations of Urban Education

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.

prereq: QSTA 40100, QSTB 20200, QSTAB 30000
3 hrs
3 cr.

Total ED Credits 8

Fieldwork 75 hours

Semester III

QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.

prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr.

QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.
QSTP 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200
3
3

Total ED Credits 11

Fieldwork 75 hours

Semester IV

**QSTA 41480 - Teaching Science in Elementary Schools**

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their corequisite student teaching in science.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

prereq: QSTA 40680, 41080, 41280, QSTP 30100
coreq: QSTAP 41580
2 hrs
2 cr.

**QSTAP 41580 - Student Teaching**

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

prereq: QSTAP 40680, 40780, QSTB 41380, QSTP 30200, HED 31400
coreq: QSTAP 41480
2 per week of seminar plus student teaching
4 cr.

Total ED Credits 6

Fieldwork 60 days

Total Credits 36
Note(s)

QSTA is a designation for courses offered by the Department of Curriculum and Teaching; QSTB is a designation for courses offered by the Department of Educational Foundations; QSTAB is a designation for fieldwork attached to two courses.

QUEST Six-Semester Sequence for Students Who Enter the Program with 30 - 40 credits

Semester I

QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

3 hrs
3 cr.

HEDP 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.

HED changed to HEDP - effective Spring 2018 -
coreq: QSTAP 40080
3 hrs
3 cr.

Total ED Credits 6

Semester II

QSTB 20280 - Child Growth and Development

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.

coreq: QSTA 40100, QSTAB 30000
**QSTA 40180 - Developmental Reading**

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

**Coreq:** QSTB 20280, QSTP 30000

**Prereq or Coreq:** QSTA 40080

2 hrs

2 cr.

**QSTP 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading**

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.

*Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.*

**Coreq:** QSTAP 40180, QSTB 20280

**Prereq or Coreq:** QSTAP 40080, HEDP 31400

75 hrs

1 cr.

**Total ED Credits 5**

**Fieldwork 75 hours**

**Semester III**

**QSTA 41080 - Literacy Across the Content Areas**

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.
Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

**QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools**

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

**QSTP 30100 - Fieldwork II: Fieldwork for Literacy Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools**

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.

Please note that effective spring 2018 QSTAP will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

**Total ED Credits 5**

**Fieldwork 75 hours**
Semester IV

QSTB 41380 - Psychology of Teaching and Learning

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.

prereq: QSTA 41000, 41200, QSTAB 30100
coreq: QSTA 40600, QSTF 30200
2 hrs
2 cr.

QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: MATH 10400, 10500, QSTA 41080, 41280, QSTP 30000
coreq: QSTB 41380, QSTP 30200
2 hrs
2 cr.

QSTP 30200 - Fieldwork III: Fieldwork for Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 41080, 41280, QSTP 30100
coreq: QSTAP 40680, QSTB 41380
75 hrs
1 cr.

Total ED Credits 5

Fieldwork 75 hours
Semester V

**QSTB 40380 - Social Foundations of Urban Education**

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.

*prereq: QSTA 40100, QSTB 20200, QSTAB 30000*

3 hrs

3 cr.

**QSTA 40780 - The Arts: An Interdisciplinary Learning Experience**

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.

*Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.*

*prereq: QSTA 40180, QSTB 20280, QSTP 30000*

3 hrs

3 cr.

**SPED 30800 - Teaching Students with Special Needs in Inclusive Settings**

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

*prereq: QSTA 40080 or QSTAP 40080*

-- or --

*prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200*

3

3

Total ED Credits 9

Semester VI

**QSTA 41480 - Teaching Science in Elementary Schools**
This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their co-requisite student teaching in science.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40680, 41080, 41280, QSTP 30100
coreq: QSTAP 41580
2 hrs
2 cr.

QSTAP 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 40680, 40780, QSTB 41380, QSTP 30200, HED 31400
coreq: QSTAP 41480
2 per week of seminar plus student teaching
4 cr.

Total ED Credits 6

Fieldwork minimum of 60 days

Total Credits 36

Note(s)

QSTA is a designation for courses offered by the Department of Curriculum and Teaching; QSTB is a designation for courses offered by the Department of Educational Foundations; QSTAB is a designation for fieldwork attached to two courses.

Teaching Languages Other Than English: Chinese, Grades 7-12- BA

The BA program in Adolescent Teaching Languages Other Than English: Chinese, Grades 7-12 leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of
education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Chinese.
- Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.
Course of Study

Academic Plan: CHIADED-BA & MHCHIA-BA

Credits: 60 - 66

Chinese Requirements (33-39 credits)

33 credits must be from courses above the 100 level. Courses must be taken in the sequence described below. Students who demonstrate proficiency in Chinese through a placement exam may be exempted from some courses.

CHIN 10100 - Elementary Chinese I

Beginning course in Mandarin.
CHIN 10100 not usually credited without CHIN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.
offered fall

CHIN 10200 - Elementary Chinese II

Beginning course in Mandarin.

3 hrs
3 cr.
offered spring

CHIN 20100 - Intermediate Chinese I

Reading of literature in baihua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.

prereq: CHIN 10200 or equiv.

3 hrs
3 cr.
offered fall

CHIN 20200 - Intermediate Chinese II

Continued reading of literature in baihua.

prereq: CHIN 20100 or equiv.

3 hrs
3 cr.
offered spring

CHIN 30100 - Journalistic Chinese Literature I
Intensive reading of literature and essays written in journalistic style.

prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

**CHIN 30200 - Journalistic Chinese Literature II**

Intensive reading and translation of literature written in journalistic style.

prereq: CHIN 30100 or equiv.
3 hrs
3 cr.
offered spring

**CHIN 30300 - Classical Chinese Literature I**

Intensive study of literature written in wenyan or classical style, with attention to basic structures of literary styles.

prereq: CHIN 20200 or equiv.
3 hrs
3 cr.
offered fall

**CHIN 30400 - Classical Chinese Literature II**

Continuation of CHIN 303. Selected readings in literature written in wenyan or classical style.

prereq: CHIN 303 or equiv.
3 hrs
3 cr.
offered spring

**CHIN 30700 - Classical Chinese Poetry**

**Pluralism and Diversity**
PD/A

Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shi.

prereq: CHIN 30400 or equiv.
3 hrs
3 cr.

- CHIN 40160 Modern Chinese Fiction
- CHIN 40111 Language for the Global Workforce
- CHIN 40110 Business in China
- CHIN 40200 - Independent Study in Chinese Literature

9 additional credits:

- CHIN 39900 - Second Language Acquisition and 6 credits in Chinese language and literature at the 300 or 400 level.

**Education Requirements (27 credits)**

**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**
Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.

**SEDF 20400 - Adolescent Development**

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork
2 cr.

**SEDF 20500 - Educational Psychology: Applications in Grades 7-12**

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

**prereq:** SEDF 20300, 20400

2 hrs per week plus 36 hrs fieldwork
2 cr.

**SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12**

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

**prereq:** SEDF 20500, SEDC 21000

2 per week plus lab
2 cr.

**SEDC 21000 - Building the Foundations of Literacy in Grades 7-12**

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

3 hrs
3 cr.

**SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12**

The nature of language, and language acquisition/learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.

**prereq or coreq:** SEDF 20300, 20400

3 hrs
3 cr.
SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq: SEDF 20300, 20400
1 hr
1 cr.

SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.

prereq: SEDC 21200
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080
SEDPC 45210 - Student Teaching in Chinese, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Chinese teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

Teaching Languages Other Than English: French, Grades 7-12- BA

Teaching Languages Other Than English Grades 7-12- French BA leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary schools. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.
Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in French.
- Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Course of Study

Academic Plan: FRENAED-BA

Credits: 60-72

French Requirements (33-45 credits)

Students who demonstrate proficiency in French through a placement exam may be exempted from some courses.
0-12 credits from:

**FREN 10100 - Elementary French I**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. FREN 10100 usually not credited without FREN 10200. For details about credit policy, please see Language Proficiency Requirement.

*3 hrs*
*3 cr.*

**FREN 10200 - Elementary French II**

Language lab mandatory.

There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. *prereq: FREN 101 or one yr high school French.*

*3 hrs*
*3 cr.*

**FREN 10300 - Intensive Elementary French**

Equivalent to material covered in 10100 and 10200. Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language.

*6 hrs*
*6 cr.*

**FREN 20100 - Intermediate French I**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. *prereq: FREN 10200 or two yrs high school French*

*3 hrs*
*3 cr.*

**FREN 20200 - Intermediate French II**

Language lab mandatory.
There are three options for students beginning French at Hunter. A regular sequence (FREN 10100, 10200, 20100, 20200), an intensive sequence (FREN 10300, 20300) which covers in two semesters material normally covered in four and a course for students who use French as a heritage language. *prereq: FREN 2000 or three yrs high school French*
3 hrs
3 cr.

-or-
FREN 10300 - Intensive Elementary French may be substituted for FREN 10100 and FREN 10200
FREN 20300 - Intensive Intermediate French may be substituted for FREN 20100 and FREN 20200

3 credits from:

FREN 31100 - Advanced French Grammar

prereq: FREN 20200
3 hrs
3 cr.

FREN 31200 - French Oral and Written Expression

prereq: FREN 20200 or equiv.
3 hrs
3 cr.

FREN 32100 - French Translation

prereq: FREN 20200 or equiv.
3 hrs
3 cr.

6 credits from:

FREN 34100 - Survey of French Literature from the Middle Ages to the End of the 17th Century

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

FREN 34200 - Survey of French Literature from the 18th Century to the Modern Period

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 20200 or four yrs high school French
3 hrs
3 cr.

21 credits from:

**FREN 33500 - French Culture I**

*Pluralism and Diversity*
PD/D
Main intellectual and artistic currents from the Gauls to the French Revolution. Conducted in French.
*prereq: FREN 20200 or four yrs high school French*
3 hrs
3 cr.

**FREN 33600 - French Culture II**

*Pluralism and Diversity*
PD/D
Main intellectual and artistic currents from the French Revolution to 1958. Conducted in French.
*prereq: FREN 20200 or four years of high school French*
3 hrs
3 cr.

**FREN 33700 - Contemporary French Culture**

Contemporary French civilization and culture from 1958 to the present, as seen in its press. World events observed through the lens of French culture and politics. Comparison of current events coverage by French and U.S. Press.
*prereq: FREN 31100 or 31200 or perm instr.*
3 hrs
3 cr.

**FREN 34300 - Medieval and Renaissance French Literature**

*Pluralism and Diversity*
PD/D
*GER*
3/A

From medieval epics, lyrical poetry and mystery plays to writers such as See, Du Bellay, Ronsard, Rabelais and Montaigne.

FREN 34100 and 34200 are prerequisite to all courses numbered 34300 and above.
3 hrs
3 cr.
FREN 34400 - 17th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Boileau, Bossuet, Corneille, Cyrano de Bergerac, La Bruyère, Mme de Lafayette, La Fontaine, Malherbe, Molière, Pascal, Racine, Mme de Sévigny, Saint Simon.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 34600 - 18th Century French Literature

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, LaClos, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 34800 - 19th Century French Literature (1800-1850)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.

FREN 34100 and 34200
3 hrs
3 cr.

FREN 34900 - 19th Century French Literature (1850-1900)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Barbey durevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine, Villiers de lIsle-Adam, Zola.

prereq: FREN 34100 and 34200
3 hrs
3 cr.
FREN 35000 - 20th Century French Literature (1900-1950)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Apollinaire, Beauvoir, Breton, Claudel, Cocteau, Colette, Gide, Giraudoux, Malraux, Mauriac, Péguy, Proust, Sartre.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35100 - Contemporary French Literature (1950-present)

Pluralism and Diversity
PD/D
GER
3/A

Such authors as Beckett, Bon, Butor, Camus, Duras, Echenoz, Ernaux, Koltès, NDiaye, Perec, Redonnet, Robbe-Grillet, Sarraute.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 35300 - Survey of Francophone Literature

GER
3/A

A study of literature produced in French-speaking regions and nations (other than France) such as North and West Africa, the Caribbean, Vietnam and Quebec.

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36000 - French Literature: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36100 - Middle Ages and the Renaissance: Special Topics
Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36300 - The 18th Century: Special Topics

Pluralism and Diversity
PD/D
GER
3/A

prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 36500 - The 20th Century: Special Topics

Pluralism and Diversity
GER 3/A PD/D
Topics to be offered may include single authors, themes, genres, movements, or approaches.
prereq: FREN 34100 and 34200
3 hrs
3 cr.

FREN 37500 - Seminar in French Literary History

Pluralism and Diversity
PD/D
GER
3/A

Readings, discussion and reports.
prereq: FREN 34100 and 34200; five courses in French major
3 hrs
3 cr.

FREN 49100 - Honors Course in French

Pluralism and Diversity
PD/D
Open to Jr/Sr only. Research in history of French literature.
prereq: FREN 34400, 34600, 34800; major GPA 3.2, cum GPA 2.8; perm adviser
3 hrs
3 cr.

FREN 49500 - Independent Study in French Literature
prereq: perm adviser
1-3 cr.

3 credits in Second Language Acquisition chosen from:

**FREN 39900 - Second Language Acquisition**

*prereq: at least three courses at the 300 level in the language; ENGL 12000*

3 hrs
3 cr.

- FREN 49500 - Independent Study in French Literature

**Education Requirements (27 credits)**

**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.

**SEDF 20400 - Adolescent Development**

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork
2 cr.

**SEDF 20500 - Educational Psychology: Applications in Grades 7-12**

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

*prereq: SEDF 20300, 20400*

2 hrs per week plus 36 hrs fieldwork
2 cr.

**SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12**

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

*prereq: SEDF 20500, SEDC 21000*

2 per week plus lab
2 cr.
SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.
3 hrs
3 cr.

SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

The nature of language, and language acquisition/learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.
prereq: SEDF 20300, 20400
1 hr
1 cr.

SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.
prereq: SEDC 21200
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the
course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500

15 hours of seminar; 48 hours of fieldwork
1 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080

-- or --

prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200

3

SEDCP 45220 - Student Teaching in French, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified French teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200

prereq or coreq: SEDF 20600

2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

School of Education Exit Standards
Students must meet the following criteria in order to graduate with a School of Education major or minor:

- Have an overall GPA of at least 3.0
- Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

**Teaching Languages Other Than English: Italian, Grades 7-12- BA**

Teaching Languages Other Than English Grades 7-12- Italian BA leads to initial certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective teachers to serve as high-quality educators for students in urban secondary school. Teacher candidates will take a specified sequence of education courses in addition to fulfilling of the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

**Declaring the Major**

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

**Requirements to Declare the Major**

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Italian.
- Participation in a group interview.

**Undergraduate Academic Progress Standards**

- Students must maintain a GPA of at least 3.0.
• Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
• Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
• Any student who receives a grade of F in any education course will not be permitted to continue in the program.
• Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student’s advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Course of Study

Academic Plan: ITAADED-BA

Credits: 60 - 72

Italian Requirements (33-45 credits)

Students who demonstrate proficiency in Italian through a placement exam may be exempted from some courses.

0-12 credits from:

ITAL 10100 - Elementary Italian I

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two. ITAL 10100 not usually credited without ITAL 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs

ITAL 10200 - Elementary Italian II

Language lab.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers
in one semester material normally covered in two.

**prereq:** ITAL 10100 or one yr high school Italian

3 hrs

3 cr.

**ITAL 20100 - Intermediate Italian I**

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 10200 or 2 yrs high school Italian

3 hrs

3 cr.

**ITAL 20200 - Intermediate Italian II**

Language lab mandatory.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

**prereq:** ITAL 201 or three yrs high school Italian

3 hrs

3 cr.

- or -

ITAL 10300 - Intensive Elementary Italian may be substituted for ITAL 10100 and ITAL 10200
ITAL 20300 - Intensive Intermediate Italian may be substituted for ITAL 20100 and ITAL 20200

3 credits from:

**ITAL 31100 - Advanced Italian Grammar**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 20200 or equiv.

3 hrs

3 cr.

**ITAL 31200 - Advanced Italian Composition**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 31100 or equiv.

3 hrs

3 cr.
ITAL 33100 - Italian Phonetics and Diction

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 101, 102, 201, 202) and an intensive sequence (ITAL 103-203) that covers in one semester material normally covered in two.

prereq: ITAL 202 or equiv.
3 hrs
3 cr.

9 credits from:

ITAL 34100 - Introduction to Italian Literature from the Middle Ages to the 16th Century

GER
3/A

Selections from Dante to Ariosto.

ITAL 34200 - Introduction to Italian Literature from the 16th Century to the Present

Pluralism and Diversity
GER 3/A PD/D

Selections from Tasso to contemporary writers.

ITAL 34300 - Dante's Vita Nuova and Inferno

Pluralism and Diversity
PD/D

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq: ITAL 34100
ITAL 34400 - Dante's Purgatorio and Introduction to Paradiso

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 34300

**3 hrs**

**3 cr.**

ITAL 34500 - Dante's Paradiso and Major Prose Works

Pluralism and Diversity
PD/D
GER
3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq:** ITAL 34300

**3 hrs**

**3 cr.**

15 credits from:

ITAL 34600 - Petrarch, Boccaccio and the Literature of Humanism

Pluralism and Diversity
PD/D
GER
3/A

Il Canzoniere and Il Decamerone.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq:** ITAL 34100
ITAL 34700 - 16th Century Italian Literature

Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100

ITAL 34800 - 17th and 18th Century Literature

Pluralism and Diversity
PD/D
GER
3/A

Study of such authors as Tasso, Goldoni and Alfieri.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34100

ITAL 34900 - The Modern Italian Lyric

Pluralism and Diversity
PD/D
GER
3/A

From Leopardi to contemporaries.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

prereq or coreq: ITAL 34200

ITAL 35000 - The Modern Italian Novel

Pluralism and Diversity
PD/D
Novel from Manzoni to present.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34200*
3 hrs
3 cr.

**ITAL 35100 - The Modern Italian Theatre**

Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Betti and contemporaries.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34200*
3 hrs
3 cr.

**ITAL 36000 - The Middle Ages: Special Topics**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34100*
3 hrs
3 cr.

**ITAL 36100 - The Renaissance: Special Topics**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34100*
3 hrs
3 cr.

**ITAL 36200 - The 17th Century: Special Topics**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

*prereq or coreq: ITAL 34100*
3 hrs
3 cr.
There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**Prereq or coreq:** ITAL 34200

3 hrs

3 cr.

**ITAL 36300 - The 18th Century: Special Topics**

**GER**

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**Prereq or coreq:** ITAL 34200

3 hrs

3 cr.

**ITAL 36400 - The 19th Century: Special Topics**

**GER**

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**Prereq or coreq:** ITAL 34200

3 hrs

3 cr.

**ITAL 36500 - The 20th Century: Special Topics**

**GER**

3/A

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**Prereq or coreq:** ITAL 34200

3 hrs

3 cr.

**ITAL 37000 - Italian Literature: Special Topics**

**GER**

3/A

Topics to be offered may include individual authors, themes, genres, movements, or approaches.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL
ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq or coreq: ITAL 34100 or 34200 (depending on topic)**

3 hrs
3 cr.

**ITAL 37500 - Seminar in Italian Literary History**

Strongly recommended for all Italian majors. Readings, discussion and reports.

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq: ITAL 34100, 34200**

3 hrs
3 cr.

**ITAL 49500 - Independent Study in Italian Literature**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq: perm dept. adviser**

1-3 cr.

3 credits in Second Language Acquisition chosen from:

**ITAL 39900 - Second Language Acquisition**

There are two options for students beginning Italian at Hunter: a regular sequence (ITAL 10100, 10200, 20100, 20200) and an intensive sequence (ITAL 10300-20300) that covers in one semester material normally covered in two.

**prereq: at least three courses at the 300 level in the language; ENGL 12000**

3 hrs
3 cr.

- ITAL 49500 - Independent Study in Italian Literature

**Education Requirements (27 credits)**

**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs
3 cr.
SEDG 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDG 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDG 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDG 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDG 20500, SEDC 21000
2 per week plus lab
2 cr.

SEDG 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.
3 hrs
3 cr.

SEDG 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

The nature of language, and language acquisition/learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.
prereq or coreq: SEDG 20300, 20400
3 hrs
3 cr.
SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq: SEDF 20300, 20400
1 hr
1 cr.

SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.

prereq: SEDC 21200
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDCP 34100 - Adolescent Fieldwork

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning
disabilities, behavior disorders, and mild intellectual disability will be our primary focus -
- though we will also inevitably address issues related to individuals with other
disabilities. The course will examine educational theories and historical practices that
have led to an increased emphasis on "collaborative education" to serve students with
disabilities.

prereq: QSTA 40080 or QSTAP 40080

-- or --
prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or
SEDC 215 or DANED 30200 or SEDC 21200
3
3

SEDCP 45260 - Student Teaching in Italian, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at
grades 10-12 under the supervision of a Hunter College faculty member and a certified
Italian teacher in a New York City school selected by the college. Students will further
develop their skills in the delivery of instruction. Student teachers will assume significant
responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a
professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education
major or minor:

• Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The
DASA workshop is required for all students in a NYS certification program at the School
of Education. The workshop requires six clock hours of coursework or training.

Teaching Languages Other Than English:
Spanish, Grades 7-12- BA

The BA program in Adolescent Teaching Languages Other Than English leads to initial
certification as a teacher in New York State.

The undergraduate programs in adolescent education are designed to prepare prospective
teachers to serve as high-quality educators for students in urban secondary schools.
Teacher candidates will take a specified sequence of education courses in addition to fulfilling the CUNY Common Core Requirement and the requirements of their liberal arts or sciences major. These programs include fieldwork in New York City Public schools.

Declaring the Major

Before you can declare a School of Education major as part of your bachelor's degree, you must complete a group interview with faculty. Signing up for an interview can be done through the School of Education website. Current Hunter students can request an interview throughout the year.

Students interested in an Education program should interview as early as is possible in the semester prior to the one in which they plan to enroll. Transfer students should seek advisement about declaring a School of Education major as soon as they have been admitted to Hunter.

The School of Education does not accept non-degree or second-degree students. Meeting minimum admission requirements does not guarantee entry into the program.

Requirements to Declare the Major

- Minimum of at least 60 credits but no more than 90 credits completed by the first semester in the education program.
- A Hunter College Grade Point Average (GPA) of 3.0 or better.
- Evidence of advanced writing ability through a review of English composition and writing intensive coursework.
- Formal declaration of a major in Spanish.
- Participation in a group interview.

Undergraduate Academic Progress Standards

- Students must maintain a GPA of at least 3.0.
- Any student who receives a grade of B-, C+, C or D in a course with fieldwork or student teaching must apply to the department chairperson for permission to re-register for that course, which may be repeated only once.
- Any student who receives a grade of D in an education course will be required to repeat that course. Students are permitted to repeat a course only once.
- Any student who receives a grade of F in any education course will not be permitted to continue in the program.
- Take and pass both the Educating All Students test (EAS) and the appropriate Content Specialty Test (CST) of the New York State Teacher Certification Exams prior to student teaching.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to
choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Course of Study

Academic Plan: SPANAED-BA

Credits: 60 - 72

Spanish Requirements (33-45 credits)

1. Introductory Spanish (0-12 credits)

Students who demonstrate proficiency in Spanish through a placement exam or prior study may be exempted from some courses at the 100 and 200 level.

SPAN 10100 - Elementary Spanish I

Language lab mandatory.
Spanish for English speakers. SPAN 10100 not usually credited without SPAN 10200. For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

SPAN 10200 - Elementary Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10100 or one yr high school Spanish
3 hrs
3 cr.

SPAN 20100 - Intermediate Spanish I

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 10200 or two yrs high school Spanish
3 hrs
3 cr.

SPAN 20200 - Intermediate Spanish II

Language lab mandatory.
Spanish for English speakers.
prereq: SPAN 20100 or three yrs high school Spanish
3 hrs
3 cr.

-or-
SPAN 10300 - Intensive Elementary Spanish

Equivalent to material covered in 10100 and 10200. Language lab mandatory. Spanish for English speakers.

6 hrs
6 cr.

may be substituted for SPAN 10100 and SPAN 10200

SPAN 20300 - Intensive Intermediate Spanish

Language lab mandatory. Spanish for English speakers.

prereq: SPAN 10200, two yrs of high school Spanish or equiv. to material covered in 20100 and 20200

6 hrs
6 cr.

-or-

may be substituted for SPAN 20100 and SPAN 20200

SPAN 10500 - Basic Reading and Writing for Native Speakers of Spanish

Spanish for native speakers.

3 hrs
3 cr.

SPAN 10600 - Oral and Written Skills for Native Speakers of Spanish

Spanish for native speakers.

prereq: SPAN 10500 or 20500 or perm dept.

3 hrs
3 cr.

SPAN 20700 - Intermediate Spanish for Native Speakers

Spanish for native speakers.

prereq: SPAN 10600, 20600 or perm dept.

3 hrs
3 cr.

SPAN 20800 - Advanced Spanish for Native Speakers

Spanish for native speakers.

prereq: SPAN 20700 or perm dept.

3 hrs
3 cr.

-and-
SPAN 21100 - Spanish Grammar and Composition

Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing and speaking Spanish.
prereq: SPAN 20200 or 20300
3 hrs
3 cr.

-or-

SPAN 27000 - Spanish Composition for Spanish Speaking Students

prereq: SPAN 20800 or perm adviser
3 hrs
3 cr.

2. Spanish Literature (12 credits)

SPAN 31100 - The Structure of Modern Spanish

prereq: SPAN 21100 or permission of departmental adviser
3 hrs
3 cr.

SPAN 31200 - Advanced Spanish Writing

Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.
prereq: SPAN 31100 or equiv.
3 hrs
3 cr.

SPAN 34100 - Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER
3/A

Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II
Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr.

3. Spanish Literature before the 19th Century (6 Credits)

SPAN 34300 - Spanish Literature of the Middle Ages

Pluralism and Diversity
PD/D
GER
3/A

After exploring Al Andalus' poetry, prose and philosophy written by Muslim and Jewish authors; the Castilian epic Poema de Mio Cid, the beginning of the Christian cult of Virgin Mary (Milagros de Nuestra Señora), the origins of the short stories (Libro de Conde Lucanor), and the elegy will be studied. Special attention will be given to the position of women since the 12th Century, especially in Libro de buen amor.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 34500 - Spanish Drama of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Theatre of 16th and 17th centuries, Lope de Vega and Calderon.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 34600 - Cervantes

Pluralism and Diversity
PD/D
GER
3/A

Don Quijote.

prereq: SPAN 34100
SPAN 34900 - Spanish Prose of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas and Quevedo.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35000 - Spanish Poetry of the Golden Age

Pluralism and Diversity
PD/D
GER
3/A

Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la uz, Lope, Quevedo and Góngora.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 35300 - Spanish Neoclassicism and Romanticism

Pluralism and Diversity
PD/D
GER
3/A

Representative works of Neoclassical and Romantic periods, including costumbrismo.
prereq: SPAN 34100
3 hrs
3 cr.

4. Latin American Literature (9 Credits)

At least 3 credits from this category must be in contemporary literature.
SPAN 36000 - Spanish-American Literature of the Colonial Period

GER
3/A

Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36200 - Spanish-American Romanticism, Realism and Naturalism

GER
3/A

Representative works of 19th century Spanish-American literature.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36400 - Spanish-American Modernism and Postmodernism

GER
3/A

Modernist and post-modernist authors.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36500 - Survey of Spanish-American Teatro

GER
3/A

Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.

prereq: SPAN 34100
3 hrs
3 cr.

SPAN 36600 - Contemporary Latin American Poetry

GER
3/A

Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry,
Anti-Poetry, Exteriorismo and popular poetry.
prereq: SPAN 34100
3 hrs
3 cr.

**SPAN 36700 - Latin American Essay**

**GER**
3/A

Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-American history.
prereq: SPAN 34100
3 hrs
3 cr.

**SPAN 36800 - Contemporary Latin American Narrative**

**GER**
3/A

Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the 'Boom', novel of the dictator.
prereq: SPAN 34100
3 hrs
3 cr.

**SPAN 37100 - Special Topics in Spanish-American Literature**

**GER**
3/A

May be repeated with different topic.
prereq: SPAN 34100; permission of adviser.
3 hrs
3 cr.

5. One course chosen from the following (3 credits)

**SPAN 33500 - Spanish Civilization**

**Pluralism and Diversity**
PD/D
**GER**
3/A

prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

SPAN 33600 - Latin American Civilization

GER
3/A

Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

6. One course in Second Language Acquisition (3 credits)

SPAN 39900 - Second Language Acquisition

prereq: at least three courses at the 300- level in the language; ENGL 12000
3 hrs
3 cr.

SPAN 49500 - Independent Study in Hispanic Literature

Pluralism and Diversity
PD/D
prereq: perm dept.
1-3 cr.

Education Requirements (27 credits)

SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool- community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.
3 hrs
3 cr.

SEDF 20400 - Adolescent Development

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.
SEDF 20500 - Educational Psychology: Applications in Grades 7-12

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.
prereq: SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork
2 cr.

SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.
prereq: SEDF 20500, SEDC 21000
2 per week plus lab
2 cr.

SEDC 21000 - Building the Foundations of Literacy in Grades 7-12

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.
3 hrs
3 cr.

SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

The nature of language, and language acquisition/learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.
prereq or coreq: SEDF 20300, 20400
3 hrs
3 cr.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual

orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

**prereq:** SEDF 20300, 20400

1 hr

1 cr.

**SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12**

Standards that impact on the teaching of foreign/heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.

**prereq:** SEDC 21200

**prereq or coreq:** SEDF 20500, SEDC 21000

2 hrs per week plus 48 hrs fieldwork

2 cr.

**SEDCP 34100 - Adolescent Fieldwork**

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

**coreq:** SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500

15 hours of seminar; 48 hours of fieldwork

1 cr.

**SPED 30800 - Teaching Students with Special Needs in Inclusive Settings**

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also inevitably address issues related to individuals with other disabilities. The
course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

prereq: QSTA 40080 or QSTAP 40080

-- or --

prereq or coreq: SEDC 21000 or SEDC 21300 or SEDC 321000 or SEDC 215 or DANED 30200 or SEDC 21200

SEDCP 45280 - Student Teaching in Spanish, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Spanish teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200

prereq or coreq: SEDF 20600

2 hrs per week, 60 days student teaching plus workshops and conferences

5 cr.

School of Education Exit Standards

Students must meet the following criteria in order to graduate with a School of Education major or minor:

• Have an overall GPA of at least 3.0
• Complete the Dignity for All Students Act (DASA) anti-bullying workshop. The DASA workshop is required for all students in a NYS certification program at the School of Education. The workshop requires six clock hours of coursework or training.

SPED 30800 - Teaching Students with Special Needs in Inclusive Settings

Participants will explore the benefits and challenges of creating and maintaining classrooms designed to incorporate students with disabilities in the general education environment for part, or all, of their program. Educating students who have learning disabilities, behavior disorders, and mild intellectual disability will be our primary focus -- though we will also
inevitably address issues related to individuals with other disabilities. The course will examine educational theories and historical practices that have led to an increased emphasis on "collaborative education" to serve students with disabilities.

*prereq:* QSTA 40080 or QSTAP 40080

--- or ---

*prereq or coreq:* SEDC 21000 or SEDC 21300 or SEDC 32100 or SEDC 215 or DANED 30200 or SEDC 21200

**SEDC 21000 - Building the Foundations of Literacy in Grades 7-12**

Supporting the development of literacy across the curriculum, with a focus on under-prepared students, students with special education needs, and students who are English language learners; implications for working toward standards.

*3 hrs*

*3 cr.*

**SEDC 21100 - Young Adult Literature in Our Diverse Society**

Familiarizes prospective teachers with a wide variety of literature for or about young adults. Books discussed and dramatized during each session reflect diverse cultures, varying learning styles, and special needs of young adults. The English language arts standards are addressed as delineated in city and state regulations. Literacy and comprehension skills are explored as well.

*prereq or coreq:* SEDF 20300, 20400

*3 hrs*

*3 cr.*

**SEDC 21200 - Methods I: Foundations of Literacy, Language and Learning in the Foreign/Heritage Language Classroom, Grades 7-12**

The nature of language, and language acquisition/ learning, and the inherent implications for teaching a foreign/heritage language at the secondary level. The foreign language standards and the English language arts standards are reviewed as they impact on curriculum design for foreign/heritage language learners.

*prereq or coreq:* SEDF 20300, 20400

*3 hrs*

*3 cr.*
SEDC 21300 - Methods I: Classroom Organization, Management and Instruction in Mathematics and Science, Grades 7-12

Candidates will identify the impact of various classroom organization patterns, rules and routines. Candidates will be able to design, implement and evaluate lessons in the context of state and city standards for learning in grades 7-12.

prereq or coreq: SEDF 20300, 20400

3 hrs
3 cr.

SEDC 21500 - Methods I: Classroom Organization, Management, and Instruction in Social Studies, Grades 7-12

Rationales and methodologies for teaching social studies based on current theories of the nature of students, the social sciences and secondary schooling.

prereq or coreq: SEDF 20300, 20400

3 hrs
3 cr.

SEDC 22000 - Adolescent Health and Safety

Health issues that are relevant to the health promotion and wellness of adolescents and their families from diverse backgrounds, abilities, and sexual orientations. Specific content areas will include nutrition, fitness, drug education, child abuse and neglect, fire prevention and safety, and violence prevention and intervention.

prereq: SEDF 20300, 20400

1 hr
1 cr.

SEDC 32100 - Teaching English Methods to a Diverse Population in Grades 7-12

Methodology that facilitates the learning of English language arts for a diverse population in secondary schools. Teacher candidates will engage in ways of teaching adolescents the skills of reading, responding to literature, writing (creative and expository), listening, speaking, and applying grammar conventions. They will write lesson and unit plans and experiment with classroom management and assessment techniques as they present lessons to the class for peer and instructor criticisms. State and city teaching standards will be applied throughout the course.

prereq: SEDC 21100
prereq or coreq: SEDF 20500, SEDC 21000

2 hrs per week plus 48 hrs fieldwork
2 cr.
SEDC 32200 - Methods II: Instructional Planning for Literacy, Language, and Learning in the Foreign/Heritage Language Classroom, Grades 7-12

Standards that impact on the teaching of foreign/heritage languages at the secondary level. Emphasis is placed on the strategies, methods and materials used in planning instruction around the standards. Classroom observations will serve as a catalyst for discussion.

prereq: SEDC 21200
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDC 32300 - Methods II: Teaching Diverse Learners in Mathematics, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in mathematics. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.

prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDC 32400 - Methods II: Teaching Diverse Learners Science, Grades 7-12

Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in science. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.

prereq: SEDC 21300
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

SEDC 32500 - Methods II: Teaching Diverse Learners in Social Studies, Grades 7-12
Familiarizes prospective middle and high school teachers, grades 7-12, with pedagogical approaches and innovative teaching techniques needed to convey to a diverse population current state and professional standards-based curriculum in the social studies. Innovative uses of technology, development of instructional units, individualizing for students with special needs, and strategies for managing problem behavior will be emphasized throughout the course.

prereq: SEDC 21500
prereq or coreq: SEDF 20500, SEDC 21000
2 hrs per week plus 48 hrs fieldwork
2 cr.

**SEDCP 34100 - Adolescent Fieldwork**

Seminar and field experience in adolescent education. Students will complete a 48-hour field experience in a grade 7-12 classroom in their subject and will participate in an accompanying seminar. They will be observed and evaluated in the field by a School of Education faculty member. An accompanying seminar will treat issues arising from the field experience. Students must achieve a grade of B or better in this course to continue in the program. Any student who obtains a grade of F in the course will not be allowed to continue in the program. Any student who obtains a grade below B must apply to the department chairperson for permission to repeat the course, which may be repeated only once.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

coreq: SEDC 31200 or SEDC 32100 or SEDC 32200 or SEDC 32300 or SEDC 32400 or SEDC 32500
15 hours of seminar; 48 hours of fieldwork
1 cr.

**SEDCP 45100 - Student Teaching in English, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified English teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32100
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.
SEDCP 45210 - Student Teaching in Chinese, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Chinese teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr.

SEDCP 45220 - Student Teaching in French, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified French teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr.

SEDCP 45230 - Student Teaching in German, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified German teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.
prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

**SEDCP 45250 - Student Teaching in Hebrew, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Hebrew teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

**SEDCP 45260 - Student Teaching in Italian, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Italian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

*Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.*

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

**SEDCP 45270 - Student Teaching in Russian, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Russian teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.
Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr.

SEDCP 45280 - Student Teaching in Spanish, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified Spanish teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32200
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr.

SEDCP 45300 - Student Teaching in Mathematics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified math teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32300
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr.

SEDCP 45410 - Student Teaching in Biology, Grades 7-12
Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified biology teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SEDCP 45420 - Student Teaching in Chemistry, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified chemistry teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

SEDCP 45430 - Student Teaching in Physics, Grades 7-12

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified physics teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq: SEDC 32400
prereq or coreq: SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr.

**SEDCP 45500 - Student Teaching in Social Studies, Grades 7-12**

Teacher candidates complete 30 days of student teaching at grades 7-9 and 30 days at grades 10-12 under the supervision of a Hunter College faculty member and a certified social studies teacher in a New York City school selected by the college. Students will further develop their skills in the delivery of instruction. Student teachers will assume significant responsibility for classroom instruction and management.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

**prereq:** SEDC 32500
**prereq or coreq:** SEDF 20600
2 hrs per week, 60 days student teaching plus workshops and conferences 5 cr.

**SEDF 20300 - Social Foundations of Education, Grades 7-12 (W)**

Students explore different sociological, historical, philosophical, anthropological, and political concepts and theories related to urban schooling. Emphasis on issues such as tracking, parentschool-community relations, inclusion of students with disabilities, the teaching of English language learners, and other diverse populations. Students will learn to analyze these concepts and theories and apply them to current classroom practices.

3 hrs 3 cr.

**SEDF 20400 - Adolescent Development**

The process of cognitive, social/emotional, personality and language development among youth who vary by gender, race and ethnicity, English proficiency and varying levels of abilities.

2 hrs per week plus 36 hrs fieldwork 2 cr.

**SEDF 20500 - Educational Psychology: Applications in Grades 7-12**

Basic educational psychology covering the characteristics of the learner, applications of learning theories and the instruction process as applied to the secondary setting, grades 7-12.

**prereq:** SEDF 20300, 20400
2 hrs per week plus 36 hrs fieldwork 2 cr.
SEDF 20600 - Assessment of the Teaching and Learning Process in Grades 7-12

The principles and practices for the assessment of learning and teaching in the classroom, grades 7-12. Includes instructional objectives, test construction, descriptive statistics, interpretation of standardized test scores, performance outcome measures and alternative forms of assessment.

*prereq: SEDF 20500, SEDC 21000
*2 per week plus lab
*2 cr.

ECC 30000 - Early Childhood Programs and Curricular Frameworks

Students will gain an in-depth understanding of the array of early childhood programs that comprise the field of early care and education. In addition, students will learn about philosophies and approaches to curriculum that are commonly used in early childhood settings including Montessori education, Reggio Emilia, the Project Approach, High Scope Curriculum, and the Creative Curriculum.

*coreq: ECF 20000, ECF 20100
*3 hrs
*3 cr.

ECC 30100 - Field work/Internship 1

This supervised experience gives students the means to connect conceptual and theoretical information about children in a preschool setting. Students will have the opportunity to examine the developmental progression of early and emergent skills as they relate to infant, toddler, and preschoolers' development. Students will also have the opportunity to discuss developmentally appropriate assessments and how parents/caregivers can document developmental milestones of children birth through age 4.

Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

*coreq: ECC 30500
*prereq or coreq: ECF 20000, ECC 30000, ECC 30400
*50 hrs.
*1 cr.
*Offered fall and spring

ECC 30100, 30200, 30300 - Field work/Internships
These field work experiences are companion courses for three content classes: ECC 30400, ECC 30800, and ECC 31100. Refer to the four and six-semester sequence charts for a detailed listing of other co-requisites.

ECC 30200 - Field work/Internship 2

This supervised experience gives students the means to connect conceptual and theoretical information about children in kindergarten through second grade. Students will have the opportunity to examine the listening, speaking, reading, and writing development of young children across a variety of cultural and linguistic communities. Students will examine the roles of families, programs, schools, and communities in urban environments, as well as the assessment of early literacy development.

Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not repeat the course again and may not continue in the program.

prereq: ECF 20000, ECC 30000, ECC 30100, ECC 30400, ECC 30500
coreq: ECC 30600
prereq or coreq: ECF 20100
50 hrs.
1 cr.
Offered fall and spring

ECC 30300 - Field work/Internship 3

This supervised experience gives students the means to connect conceptual and theoretical information about children in first or second grade. Students will have the opportunity to examine developmentally appropriate activities for children and ways of assessing learning in diverse settings. Students will examine the roles of families, programs, schools, and communities in urban environments, as well as the assessment of mathematical and science development.

Students will complete 5 hours per week of fieldwork for a minimum of 50 contact hours per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups.

Students receiving a grade of B in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than B on their second attempt may not
repeat the course again and may not continue in the program.

prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30100, ECC 30200, ECC 30400, ECC 30500, ECC 30600, ECC 30800

coreq: ECC 31000

50 hrs.
1 cr.

Offered fall and spring

**ECC 30400 - Creative Arts and Play-Based Learning**

Theoretical and practical aspects of play, creativity and arts-based learning are the central tenets of this course. Students will gain fundamental knowledge for constructing playful learning experiences across early learning settings, particularly within the context of the standards-based, high-stakes accountability climate of education in the United States and beyond.

prereq: ECC 30000, ECF 20000, ECF 20100

2 hrs
2 cr

**ECC 30500 - Language and Literacy for Children of Diverse Backgrounds (B-Prekindergarten)**

This course is grounded in research and practice in language learning and the development of early literacy among diverse learners. Examination of the process of literacy development between Birth and age 4 and the role of families, programs and schools in early literacy development.

prereq: 6 credits of foreign language; ECC 30000, ECF 20000, ECF 20100

3 hrs
3 cr.

**ECC 30600 - Language and Literacy for Children of Diverse Backgrounds, Kindergarten through 2nd Grade**

Theoretical and practical aspects of early childhood literacy instruction with particular emphasis on teaching literacy to diverse populations between the grades of Kindergarten and 2nd grade will be addressed. In addition, the role of family and community involvement and the use of technology for literacy development.

prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500

3 hrs
3 cr.

**ECC 30800 - Inclusionary Practices and Teaching Children of Diverse Backgrounds**

An overview of children with exceptional cognitive, physical, social, and/or emotional characteristics, including learning disabilities. Students will also gain
knowledge and skills on working with children who are emerging language learners (ELLs). Assessment and screening strategies will be discussed to meet the educational needs of all students.

**prereq:** ECF 20000, ECC 30000, ECC 30500
3 hrs
3 cr.

**ECC 31000 - Mathematics in Early Childhood**

Examines the theories and research that focus on the relationship between children's development and learning of mathematical concepts and skills. Appropriate mathematics activities for children from birth through second grade and ways of assessing mathematical learning in diverse infant, toddler, preschool, and grade K-2 settings.

**prereq:** MATH 10400; ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800
3 hrs
3 cr.

**ECC 31100 - Early Childhood Science and Inquiry-Based Learning**

Explores the theories and research of scientific thinking in young children. Assessing science learning in diverse infant, toddler, preschool and grade K-2 settings and how to incorporate the use of community resources in scientific learning will be discussed.

**prereq:** Two semesters of natural science which must include: 3 credits eligible to meet CUNY Common Core in Life and Physical Sciences and 3 credits eligible to meet CUNY Common Core in Scientific World (CSCI and ECO courses do not qualify for this requirement); ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30500, ECC 30600, ECC 30800
2 hrs
2 cr.

**ECC 31400 - Health, Family, and Community Partnerships**

This course gives students the means to understand how to promote children's health, safety, and nutrition. Students will also gain skills and knowledge needed to foster positive, reciprocal relationships with families of diverse backgrounds. In meeting the NYSDOE mandate, child abuse, drug abuse prevention, prevention of school violence, anti-bullying, and fire safety workshops are included.

**prereq:** ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100
3 hrs
3 cr.
ECC 40100 - Student Teaching

Students will complete one semester of student teaching in early childhood settings, including preK settings, kindergarten, first, and second grade classrooms. Students will complete their student teaching in at least two of the following early childhood settings: pre-kindergarten, kindergarten, first grade or second grade. Students will attend seminar for 30 hours during the semester to discuss topics that range from classroom management to supporting children with diverse learning needs. During student teaching, students will complete the Teacher Performance Assessment (edTPA).

prereq: ECF 20000, ECF 20100, ECF 40200 ECC 30000, ECC 30400, ECC 30600, ECC 30800, ECC 31000, ECC 31100, ECC 31400
3 hrs
3 cr.

ECF 20000 - Human Development and Theories of Learning, Prenatal-Age 8

This course will examine the history of child development and the major theories and theorists in the area of child development. An understanding of research strategies and the impact of cultural, biological and environmental influences on the development of young children will also be examined. Current research in the areas of prenatal development, physical, cognitive, language, social, emotional and early brain development will also be discussed.

prereq: ENGL 12000
coreq: ECF 20100, ECC 30000
3 hrs
3 cr.

ECF 20100 - Social and Historical Foundations of Early Childhood Care and Education

An examination and analysis of the social and historical contexts of early childhood education including applications to contemporary issues in the education of young children in families, childcare centers, schools and communities in urban settings.

coreq: ECF 20000; ECC 30000
2 hrs
2 cr

ECF 40000 - Assessment in Early Childhood, Birth through 2nd Grade

Provides students with an understanding of the role of assessment for planning and implementing effective early childhood instruction for young children, ages birth to age eight, from culturally diverse environments and with varied learning needs.

prereq: ECF 20000, ECF 20100, ECC 30000, ECC 30400, ECC 30400, ECC
EDUC 25000 - Introduction to Urban Education: Topics and Issues around Diversity and Equity (W)

Pluralism and Diversity
PD/B
An introduction to urban education, specifically focusing on both current pedagogical approaches and the various historical, socioeconomic, sociocultural, and political factors that influence schools, with an eye to equity and justice as means to closing the achievement gap for marginalized populations of students.

This course is open to all Hunter students, and does not require admission to a School of Education program.

prereq: ENGL 12000

QSTA 40080 - The Art of Effective Teaching

This course is designed to orient elementary school teacher candidates to the world of urban education and their roles as quality educators. An introduction to the basic pedagogical practices of teaching, the connection between theory and practice as it relates to the role of teachers, instructional methods for teaching diverse student populations, effective classroom management practices, organizational strategies, motivation techniques and methods of assessment.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

QSTA 40180 - Developmental Reading

Theoretical and practical aspects of literacy with particular emphasis on teaching literacy to diverse populations. In addition, the role of family and community involvement and the use of technology for literacy development will be stressed.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

coreq: QSTB 20280, QSTP 30000

prereq or coreq: QSTA 40080
QSTA 40680 - Mathematics Teaching and Learning in Elementary School

Modern methods for teaching mathematics through understanding in the elementary grades.

Transfer students may be allowed to enroll in QSTA 40600 after completing MATH 10400 and registering for MATH 10500 if their progress through the QUEST program would be delayed by the MATH 10500 prerequisite requirement.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: MATH 10400, 10500, QSTA 41080, 41280, QSTP 30000
coreq: QSTB 41380, QSTP 30200
2 hrs
2 cr.

QSTA 40780 - The Arts: An Interdisciplinary Learning Experience

Offered in collaboration with Lincoln Center Institute, this course is designed to introduce teacher candidates to the role of arts in learning across the curriculum. Teacher candidates will experience the creative process through hands-on study of works of art (visual arts, music, theatre, and dance) to enhance the aesthetic sensibilities of students in grades 1-6.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
3 hrs
3 cr.

QSTA 41080 - Literacy Across the Content Areas

Theoretical, methodological, practical, and technological aspects of teaching literacy to elementary school students with an emphasis on meeting the literacy needs of diverse student populations.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
coreq: QSTA 41280, QSTP 30100
2 hrs
2 cr.
QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools

Teaching social studies through literature, the arts, and technology in grades 1-6. Literature selections will include original documents, essays, historical fiction, novels, diaries, journals, poetry, drama and folktales. Instructional strategies will include interdisciplinary curriculum and differentiated learning, teaching, and assessment strategies for English language learners and students with disabilities. Diverse activities will include utilizing the community, particularly museums, as a laboratory for student learning.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40180, QSTB 20280, QSTP 30000
coreq: QSTA 41080, QSTP 30100
2 hrs
2 cr.

QSTA 41480 - Teaching Science in Elementary Schools

This course is inquiry-based or process-oriented. Focuses on the doing part of science more than the facts part of science. Includes analysis of local, state and national science standards, working with students from culturally diverse backgrounds, using multimedia technology effectively, and working with parents and the community. Students will be observed in science teaching activities during their corequisite student teaching in science.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTA 40680, 41080, 41280, QSTP 30100
coreq: QSTAP 41580
2 hrs
2 cr.

QSTAP 41580 - Student Teaching

Supervised student teaching experience in an elementary school setting at one grade level from grades 1-6. Requirements include four full days per week of student teaching for a minimum of 50 days, 30 hours of seminars + conferences, and attendance at professional development workshops.

Please note that effective spring 2018 QSTA will be renamed QSTAP to identify it as a professional course rather than one in the liberal arts.

prereq: QSTAP 40680, 40780, QSTB 41380, QSTP 30200, HED 31400
coreq: QSTAP 41480
2 per week of seminar plus student teaching
4 cr.

**QSTB 20280 - Child Growth and Development**

The biological, cognitive, emotional, linguistic, moral, physical and social aspects of development will be addressed with respect to their role in children's experiences in school. The critical application of developmental theories and research to diverse populations will be emphasized. Contextual influences on children's development, including family, peers and the media will be included.

*coreq: QSTA 40100, QSTAB 30000*

*prereq or coreq: QSTA 40000*

2 hrs
2 cr.

**QSTB 40380 - Social Foundations of Urban Education**

Contemporary issues and themes in the social foundations of childhood education viewed from an interdisciplinary perspective. Special emphasis on the role of family and community in the educational process.

*prereq: QSTA 40100, QSTB 20200, QSTAB 30000*

3 hrs
3 cr.

**QSTB 41380 - Psychology of Teaching and Learning**

The critical application of psychological theories and principles to classroom instruction, including: learning styles; instructional models; effective teaching; motivation; student diversity; students with special needs; classroom management; and formal and informal assessment.

*prereq: QSTA 41000, 41200, QSTAB 30100*

*coreq: QSTA 40600, QSTF 30200*

2 hrs
2 cr.

**QSTP 30000 - Fieldwork I: Fieldwork for Child Development and Developmental Reading**

Supervised experiences in classroom applications of QSTA 40180: Developmental Reading and QSTB 20280: Child Growth and Development. Students will complete 6 per week of fieldwork for a minimum of 75 contact per semester. Students will develop guided observation skills, acquire practical knowledge of the design and management of instruction and the classroom environment, and work effectively with individual students and small work groups. Students receiving a grade of C in fieldwork must apply to the chairperson for permission to re-register for the course. Fieldwork may be repeated only once. Students who receive a grade lower than C may not repeat the course and may not continue in the program.
Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

**QSTP 30100 - Fieldwork II: Fieldwork for Literacy**
**Across the Content Areas and Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools**

Supervised experiences in classroom applications of QSTA 41080 - Literacy Across the Content Areas and QSTA 41280 - Teaching Social Studies through Literature, the Arts, and Technology in Elementary Schools. Students will complete 6 of fieldwork per week for a minimum of 75 contact per semester. Students will develop the ability to apply theoretical concepts and deliver instruction to individuals and small groups of children. Students will design or adapt curriculum that meet the needs of diverse learners, including children with special needs and English language learners.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

**prereq: QSTAP 40180, QSTB 20280**
**coreq: QSTAP 41080, 41280**
**75 hrs**
**1 cr.**

**QSTP 30200 - Fieldwork III: Fieldwork for Mathematics**
**Teaching and Learning in Elementary School and Psychology of Teaching and Learning**

Supervised experiences in classroom applications of QSTA 40680: Mathematics Teaching and Learning in Elementary School and QSTB 41380: Psychology of Teaching and Learning. Students will complete 6 of fieldwork per week for a semester minimum of 75 contact to demonstrate the ability to apply knowledge acquired in the Mathematics Teaching and Learning in Elementary School and Psychology of Teaching and Learning courses to effectively deliver instruction in the content areas to individual children, small work groups, and large groups of children.

Please note that effective spring 2018 QSTAB will be renamed QSTP to identify it as a professional course rather than one in the liberal arts.

**prereq: QSTAP 41080, 41280, QSTP 30100**
**coreq: QSTAP 40680, QSTB 41380**
**75 hrs**
**1 cr.**
DANED 30200 - Theory and Practice of Teaching Dance (pre-K-12)

Methods of teaching dance in grades pre-K-12 to students with diverse backgrounds and abilities in diverse learning environments; the organization of instruction and classroom management strategies; technological resources; community and family resources.

Field work required.
DANED changed to DANEP - effective Spring 2018 -

prereq: completed 12 cr in dance or perm dance adviser
prereq or coreq: SEDF 20400
3 hrs plus 36 hours fieldwork
4 cr.

SEDCP 45600 - Student Teaching in Dance, Grades Pre-K-12

Two 30-day supervised placements (one in grades pre-K-6 and one in grades 7-12) in New York City public schools selected by Hunter College. Special Conditions: Students must apply for student teaching the fall semester before enrolling in this course. Scores on the Liberal Arts and Sciences Test (LAST) of the New York State Teacher Certification Examination must have been received by the coordinator of adolescent education prior to enrollment in student teaching.

Please note that effective spring 2018 SEDC will be renamed SEDCP to identify it as a professional course rather than one in the liberal arts.

prereq or coreq: SEDF 20600, SEDC 22000
2 hrs per week, 60 days student teaching plus workshops and conferences
5 cr.

HED 20100 - Women and Health

Pluralism and Diversity
PD/C
An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.
cross-listed WGSP 25100
3 hrs
3 cr.

HED 30500 - Sex Education

An overview of human sexuality through affective processes with an emphasis on social and cultural influences, and the role of family and school in sexuality education.
3 hrs
3 cr.
HED 30600 - Drugs and Drug Dependencies

The nature of addiction and dependency. The course focuses on social learning theory and the role of family, school, and community in drug prevention education.

3 hrs
3 cr.

HED 48000 - Independent Study in Health Education

An exploration in an area of special interest with faculty guidance. Topic to be approved by adviser.

30-45 hrs
1-3 cr.

HEDP 31400 - Health Education for the Classroom Teacher

The preparation of the elementary educator to assist children in grades 1-6 in making decisions for optimum health and wellness, including nutrition education and fitness; mental/emotional health and conflict resolution; drug education; stress management; safety education including fire safety; family living/sex education including HIV/AIDS education and orientation issues; personal safety and the role of the classroom teacher as a mandated reporter of child abuse and neglect; environmental health; and violence prevention.

HED changed to HEDP - effective Spring 2018 -

coreq: QSTAP 40080
3 hrs
3 cr.

EDUC 49000 - Honors Course in Educational Research

Individual research in education. Admission by permission of the chairperson.

prereq: full education sequence including student teaching; 3.5 GPA in education courses and cumulative GPA of 2.8.

2 hrs
2 cr.

Programs and Courses in English

English

Overview

The Department of English offers students a variety of courses in the study of literature, literary theory, composition, rhetoric, linguistics and creative
writing. The department is interdisciplinary in its offerings, with a diverse faculty whose areas of research and approaches to teaching offer Hunter students a wide spectrum of historical, post-modern, theoretical, textual, and socio-cultural approaches to literary study, rhetoric and composition, linguistics and language, and creative writing. The department encourages disciplined, original thinking and writing while its small classes promote learning through stimulating discussions.

Introductory and intermediate courses present a wide range of literary forms, periods and genres. Students who major in English choose one of five concentrations: Literatures, Language and Criticism; Creative Writing; Adolescent Education (a concentration designed for prospective high school teachers), English Language Arts and Linguistics and Rhetoric. Qualified students may enroll in honors seminars and tutorials. The English Department participates in Hunter's interdisciplinary programs in Asian American Studies, Comparative Literature, Women's and Gender Studies, and Religion. The English major provides a foundation for careers in writing, teaching, journalism, publishing, law, business, or any other career that depends on the ability to read analytically and write effectively.

What can I do with my degree in English?

The ability to write well remains a rare but prized skill in almost every field, and English majors go on to careers in a variety of professions. The analytical, writing, and speaking skills honed in the major can lead graduates to careers in fields such as marketing, technology, publishing, teaching, the arts, law, venture capital, medicine, and policy making.

Programs and Courses

Programs and Courses in English

Administration and Faculty

Chair:

Sarah Chinn
1212A West
(212) 772-5178
sarah.chinn@hunter.cuny.edu

Department Office:

Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM
1212 West
(212) 772-5070
Web site: http://www.hunter.cuny.edu/~english

Faculty
Concentration in Creative Writing (42 credits)

Return to Programs and Courses in English

The concentration in Creative Writing is designed to provide students with an informed appreciation of the depth and breadth of literature written in English, as well as the opportunity to develop their own interests and skills in creative writing. Students concentrating in Creative Writing take ENGL 22000 Introduction to Writing about Literature (W) and ENGL 25200 Introduction to Literary Studies, five required courses in literature, at least four creative writing workshops and three electives.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses CUNY Common Core

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

A. Introductory Courses (6 cr)

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama,
poetry, and literary criticism, with an emphasis on further development of
critical writing and research skills. Students gain a deeper understanding and
appreciation of literature as well as more extensive experience with academic
writing.

*prereq:* ENGL 12000
3 hrs + one additional conference hour
3 cr.

**ENGL 25200 - Introduction to Literary Studies**

GER

3A

Description: Study of selected authors, works, genres, or time periods
emphasizing various modes of critical and theoretical analysis, methods of
research, and historical contextualization.

*prereq:* ENGL 22000
3 hrs.
3 cr.

- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

**B. Survey Courses in Literature (6 credits)**

**ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century**

A survey of British Literature from its earliest manifestations to the eighteenth
century, encompassing a range authors and genres in their cultural, social, and
historical contexts. Required for all English majors.

*prereq:* ENGL 22000
3 hrs
3 cr.

**ENGL 30700 - Survey of American Literature: From Origins to the Civil War**

GER

3/A

An introduction to American literature up to the Civil War, surveying material
in a range of genres and periods and encompassing a variety of interpretive
approaches. Required of all English majors.

*prereq:* ENGL 22000
3 hrs
3 cr.
C. Requirements in Literature and Theory, Linguistics, or Rhetoric (9 credits)

1. One course from

**ENGL 31700 - Topics in Non-European Literary Traditions (W)**

**Pluralism and Diversity**  
PD/A  
GER  
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.  
**prereq: ENGL 22000**  
3 hrs  
3 cr.

**ENGL 31800 - Topics in Literature of Non-European Americans (W)**

**Pluralism and Diversity**  
PD/B  
GER  
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.  
**prereq: ENGL 22000**  
3 hrs  
3 cr.

**ENGL 32000 - Multi-Ethnic American Literature (W)**

**Pluralism and Diversity**  
PD/B  
GER  
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.  
**prereq: ENGL 22000**  
3 hrs  
3 cr.
ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

prereq: ENGL 22000
ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

2. One course in Literary Theory, Linguistics, or Rhetoric, from

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 33000 - Sociolinguistics

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

prereq: ENGL 22000

3 hrs
3 cr

• ENGL 33200 - History of the English Language (W)
• ENGL 33300 - Topics in Language and Linguistics

ENGL 34000 - History of Rhetoric

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 34200 - Topics in Rhetoric

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
3. One course in literature, linguistics, or rhetoric before 1800, from

**ENGL 33200 - History of the English Language (W)**

The diversity and spread of English across the globe. The effects of language contact on English.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 33400 - Beowulf and Other Early Texts**

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 33500 - Chaucer**

**Pluralism and Diversity**

PD/D

GER

3/A

Study of Chaucer, with emphasis on The Canterbury Tales.

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 33600 - Medieval Literature (1100-1500)**

GER

3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres

*prereq: ENGL 22000*

3 hrs

3 cr.

**ENGL 33700 - Literary Aspects of Folklore**

GER

3/A

Studies of folktales, ballads and legends in their relationship to written
ENGL 34000 - History of Rhetoric

ENGL 35000 - Renaissance Drama

Pluralism and Diversity
GER 3/A
A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A
Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A
A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A
Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35500 - Topics in Shakespeare (W)

GER
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr

ENGL 36000 - The 17th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
3 cr.
ENGL 36100 - Milton

Pluralism and Diversity
PD/D
GER
3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36200 - English Drama of Restoration and 18th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.
prereq: ENGL 22000
3 hrs
3 cr

ENGL 36400 - The Age of Satire

Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36500 - The Later 18th Century
Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36800 - The 18th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36900 - The 19th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37200 - Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38300 - Topics in Renaissance Literature

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38400 - Topics in Restoration and 18th Century Literature

GER
3/A

Topics vary from semester to semester.

prereq: ENGL 22000
3 hrs
3 cr.

Some courses under the following number (depending on the topic; check department listings)

ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.

cross-listed WGSA 31900

prereq: ENGL 22000

3 hrs

3 cr.

- ENGL 32100 - Topics in African American Literature
- ENGL 32200 - Topics in Gender and Sexuality in Literature
- ENGL 32400 - Topics in Native American Literature
- ENGL 32900 - Topics in Cross-Cultural Literature in English (W)
- ENGL 33300 - Topics in Language and Linguistics
- ENGL 34200 – Topics in Rhetoric
- ENGL 34700 - Language and Ethnicity
- ENGL 36600 – Topics in Literary Theory and Criticism

ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity

PD/C or PD/D (some topics)

GER

3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.

prereq: ENGL 22000

3 hrs

3 cr.

ENGL 38700 - Topics in British and/or Irish Fiction

GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.

May be repeated once for credit with a different topic.

prereq: ENGL 22000

3 hrs

3 cr.

ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

GER

3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39100 - Topics in British and/or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39400 - World Literature: Drama

GER
3/A

Selected plays, classical, medieval and modern, including dramatic criticism.

prereq: ENGL 22000
ENGL 39800 - Topics in American Fiction

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser. May be repeated once for credit with a different topic.

prereq: ENGL 22000 ENGL 39500 or ENGL 39600

3 hrs
3 cr.

ENGL 39900 - Topics in American Multi-Genre Literature (W)

Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser. May be repeated once for credit with a different topic.

prereq: ENGL 22000, ENGL 39500 or ENGL 39600

3 hrs
3 cr.

ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

1 sem
3 cr.

D. Required Writing Courses (12 credits)

1. ENGL 28500 Introduction to Creative Writing (and pass it with a grade of B or higher).
2. Students must then take 3 more creative writing workshops from the following, at least one of which must be a level-II workshop.

Note: Students may repeat level-II workshops once for credit. Students may not take a Level-II Workshop without first taking the Level-I Workshop in that genre. Students may not take ENGL 48400 without first taking a Level-II Workshop in that genre.

**ENGL 30800 - Workshop in Non-Fiction I**

**GER**
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.

*prereq: ENGL 30000*
3 hrs
3 cr.

**ENGL 30900 - Workshop in Non-Fiction II**

**GER**
3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.

This course may be repeated once for credit.

*prereq: ENGL 30000 and 30800*
3 hrs
3 cr.

**ENGL 31100 - Workshop in Fiction I**

**GER**
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of fiction.

*prereq: ENGL 30000*
3 hrs
3 cr.

**ENGL 31300 - Workshop in Fiction II**

**GER**
3/A
A continuation of ENGL 31100, with increasing emphasis on craft and revision. This course may be repeated once for credit.

prereq: ENGL 30000 and ENGL 31100
3 hrs
3 cr.

**ENGL 31400 - Workshop in Poetry I**

**GER**
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of poetry.

prereq: ENGL 30000
3 hrs
3 cr.

**ENGL 31600 - Workshop in Poetry II**

**GER**
3/A

A continuation of ENGL 31400, with increasing emphasis on craft and revision. This course may be repeated once for credit.

prereq: ENGL 30000 and ENGL 31400
3 hrs
3 cr.

**E. Electives (9 credits)**

Students in this concentration are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28000). All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be granted for 300-level courses in other departments.

**400-level Advanced Seminar**
All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

ENGL 48400 - Advanced Seminar in Creative Writing

GER
3/A

Advanced seminar in a specific genre of creative writing (fiction, poetry, or creative non-fiction), with an emphasis on craft, style, and/or strategies for creative writers.

_prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28500 (formerly 30000), ENGL 30400, ENGL 30700, level I and level II workshops in specified genre (30800 and 30900; 31100 and 31300; or 31400 and 31600).
3 hrs
3 cr.

ENGL 49000 - Advanced Seminar in Literature and Criticism

Focused study of and research on a selected author or authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme.

_prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 30400 (currently ENGL 33800), ENGL 30600, ENGL 30700 (currently ENGL 39500); and one of ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32500, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900
3 hrs.
3 cr.

ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric

Advanced-level study of a special focus in Linguistics and/or Rhetoric, with a goal of producing a substantial piece of research writing. Focus may vary from semester to semester.

_prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28000, ENGL 30100; at least one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and at least one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, or ENGL 34800; and two courses at 300 or 400 level
3 hrs
3 cr.
Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

Degree Map

Degree Map for English: Creative Writing

Concentration in English Language Arts
(42 credits)

Return to Programs and Courses in English

The Concentration in English Language Arts is designed to provide students with experience in the study of literature, linguistics, rhetoric, and writing. While it is designed and intended primarily for prospective elementary school teachers, the concentration is open to all students. All Majors in this concentration take two Introductory Courses (6 credits): ENGL 22000 Introduction to Writing about Literature (3 cr), which is a pre-requisite for all other courses in the major, and ENGL 25200 Introduction to Literary studies (3 cr.), which must be taken within a semester of declaring the major. Students take four required literature courses (12 cr): two surveys (ENGL 30400 Survey of British and Irish Literature, ENGL 30700 Survey of American Literature), one course in Postcolonial literature, African American literature, Native American literature, Asian American literature, Latina/o American literature, multi-ethnic American literature, or literatures from non-European traditions (ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900), and one course in either Western Literary Backgrounds (ENGL 30300), Children's Literature (ENGL 30500), Introduction to Literary Theory (ENGL 30600), or Shakespeare (ENGL 35200, 35300, 35400). All majors in this concentration are required to take two courses in Linguistics and/or Rhetoric (including ENGL 28000: The Structure of Modern English) and two writing courses (including ENGL 30100: Composition Theory and Practice). The remaining three courses (9 cr.) are electives, one of which is a 400-level advanced seminar, which will involve a substantial research or creative project. Students have the option of taking one course (3 credits) outside the English department from a menu of options (see below), an independent study with a full-time faculty member, an internship, and/or an Honors seminar if they qualify.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR]. Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on
the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses CUNY Common Core

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

BA in English: Concentration in English Language Arts

A. Introductory Courses (6 credits)

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.

- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

B. Survey Courses in Literature (6 credits)

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century
A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

_prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

_prereq: ENGL 22000
3 hrs
3 cr.

C. Literature Requirements (6 credits)

1. One course from:

ENGL 31700 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester
_prereq: ENGL 22000
3 hrs
3 cr.

ENGL 31800 - Topics in Literature of Non-European Americans (W)

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or
theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 32000 - Multi-Ethnic American Literature (W)**

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 32100 - Topics in African American Literature**

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 32300 - Topics in Asian American Literature**

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 32400 - Topics in Native American Literature**

Pluralism and Diversity
PD/B
GER
3/A
Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B
Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32900 - Topics in Cross-Cultural Literature in English (W)
Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.  
*prereq: ENGL 22000  
3 hrs  
3 cr.

2. Once course from:

**ENGL 30300 - Western Literary Backgrounds of British and American Literature**

*Pluralism and Diversity*  
*PD/D*  
Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods.  
*prereq: ENGL 22000  
3 hrs  
3 cr.

**ENGL 30500 - Studies in Children's Literature**

*GER*  
*3/A*  
Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.  
*prereq: ENGL 22000  
3 hrs  
3 cr.

**ENGL 30600 - Introduction to Literary Theory (W)**

*GER*  
*3/A*  
An introduction to major theories of literature, with an emphasis on contemporary trends.  
*prereq: ENGL 22000  
3 hrs  
3 cr.

**ENGL 35200 - Shakespeare Survey**

*Pluralism and Diversity*  
*PD/D*  
*GER*  
*3/A*
A survey of Shakespeare's works from across his career.

**prereq:** ENGL 22000

3 hrs

3 cr.

**ENGL 35300 - Shakespeare I**

*Pluralism and Diversity*

PD/D

GER

3/A

Study of works from first half of Shakespeare's career.

**prereq:** ENGL 22000

3 hrs

3 cr.

**ENGL 35400 - Shakespeare II**

*Pluralism and Diversity*

PD/D

GER

3/A

Study of works from second half of Shakespeare's career.

**prereq:** ENGL 22000

3 hrs

3 cr.

**D. Required Courses in Linguistics and Rhetoric**

(6 credits)

**ENGL 28000 - The Structure of Modern English**

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

**prereq:** ENGL 22000

3 hrs

3 cr.

2. One course from:

**ENGL 33000 - Sociolinguistics**

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.
ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33300 - Topics in Language and Linguistics

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching,
ENGL 3000 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.

prereq: ENGL 22000
3 hrs
3 cr

400-level Advanced Seminar

ENGL 48400 - Advanced Seminar in Creative Writing (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28500; ENGL 30400; ENGL 30700; and both a level 1 and 2 workshop in the student's chosen genre)

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

Degree Map

Degree Map for English: Language Arts

Courses Required for the Major

Concentration in English: Foundations for Adolescent Education (42 credits)

Return to Programs and Courses in English

The Concentration in English: Foundations for Adolescent Education (42 cr.) is designed to give students the foundation in literary studies, writing, and linguistics that is required for teaching English in grades 7-12. This concentration alone does not meet the teaching certification requirements for New York State and New York City public schools. Students interested in
meeting these certification requirements will take this course sequence as part of the BA program in Adolescent English, Grades 7-12 jointly offered by the School of Arts & Sciences and the School of Education. Students interested in the BA program in Adolescent English, Grades 7-12 should declare this concentration of the major in English before declaring the joint major with the School of Education. Students who do not wish to pursue certification do not need to contact the School of Education and should simply follow the course of study set out in this English concentration. All Majors in this concentration take two Introductory Courses (6 credits): ENGL 22000 Introduction to Writing about Literature (3 cr), which is a pre-requisite for all other courses in the major, and ENGL 25200 Introduction to Literary studies (3 cr.), which must be taken within a semester of declaring the major. Students are required to take six literature courses (18 cr): four survey courses (ENGL 30300 Western Literary Backgrounds, ENGL 30400 Survey of British and Irish Literature, ENGL 306 Introduction to Literary Theory, ENGL 30700 Survey of American Literature), one course in Postcolonial literature, African American literature Native American literature, Asian American literature, Latina/o American, multi-ethnic American literature, or literatures from non-European traditions (ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900), and one course in Shakespeare (ENGL 35200, 35300, 35400). Students are required to take one linguistics course (ENGL 28000: The Structure of Modern English) and two writing courses (including ENGL 30100: Composition Theory and Practice). The remaining three courses (9 cr.) are electives, one of which must be a 400-level advanced seminar, which will involve a substantial research or creative project. Students have the option of taking one course (3 credits) outside the English department from a menu of courses (see below), an independent study with a full-time faculty member, an internship, and/or an Honors seminar if they qualify.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

**Courses**  
**CUNY Common Core**

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

**Courses Required for the Major**

**A. Introductory Courses (6 credits)**

ENGL 22000 - Introduction to Writing about Literature (W)
Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

**ENGL 25200 - Introduction to Literary Studies**

*GER*

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

**ENGL 30300 - Western Literary Backgrounds of British and American Literature**

*Pluralism and Diversity*

3D/D

Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods.

**ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century**

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.
ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

C. Literature Requirements (6 credits)

1. One course from

ENGL 31700 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 31800 - Topics in Literature of Non-European Americans (W)
Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32000 - Multi-Ethnic American Literature (W)**

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32100 - Topics in African American Literature**

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 32300 - Topics in Asian American Literature**

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs.
3 cr.*

**ENGL 32400 - Topics in Native American Literature**
Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

Prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32500 - Post-Colonial Literature in English (W)

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

Prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

Prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

Prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

2. One course from

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35400 - Shakespeare II

Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
D. Required courses in Linguistics (3 credits)

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000

3 hrs
3 cr.

E. Required courses in Writing (6 credits)

ENGL 30100 - Composition Theory and Practice

GER
3/A

Study of the theory and practice of academic composition.

prereq: ENGL 22000

3 hrs
3 cr.

• 2. One of

ENGL 28500 - Introduction to Creative Writing

GER
3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.

Students must pass this course with a B to major in Creative Writing.

Prerequisite for all 300-level writing courses, except ENGL 30100.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 34300 - Topics in Composition Studies

Focused study of aspects of composition theory and/or practice. Topics vary from semester to semester and may include the history of composition studies, new media and digital studies, and/or writing across the curriculum. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

F. Electives (9 credits)

Students in this major are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28500). All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689, may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be granted for 300-level courses in other departments.

400-level Advanced Seminar

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

ENGL 49000 Advanced Seminar in Literature and Criticism (Prerequisites: ENGL 22000; ENGL 25200; ENGL 30400; ENGL 30600; ENGL 30700; one of ENGL 31700, 31800, 32000, 32100, 32300, 32400, 32500, 32600, 32700, or 32900)

ENGL 49200 Advanced Seminar in Linguistics and/or Rhetoric (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28000; ENGL 30100: one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, ENGL 34800)

ENGL 48400 Advanced Seminar in Creative Writing (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28500; ENGL 30400; ENGL 30700; and both a level 1 and 2 workshop in the student's chosen genre)

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.
Degree Map

Degree Map for English: Preparation for Secondary School Teaching BA

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Concentration in Linguistics and Rhetoric (42 credits)

The concentration in Linguistics and Rhetoric is designed to provide students with a comprehensive course of study in the structures, uses, and ideologies of discourse in various types of texts, genres, and domains: from everyday talk to persuasive writing. Students will gain a complex understanding of spoken and written discourse by comparing a wide range of philosophical underpinnings, theoretical perspectives, and methodological approaches. This concentration is particularly suited for students who are interested in graduate study in Linguistics, Rhetoric, Applied Linguistics, and Teaching English to Speakers of Other Languages (TESOL).

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCC], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Courses CUNY Common Core

ENGL 22000 English Composition (EC)

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

A. Introductory Courses (6 credits)

ENGL 22000 - Introduction to Writing about Literature (W)
**Hunter Core**

**English Comp (EC)**

**GER**

**2/A**

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

**ENGL 25200 - Introduction to Literary Studies**

**GER**

**3A**

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

*prereq: ENGL 22000*

3 hrs.

3 cr.

- ENGL 22000 must be the first course taken in the major
- ENGL 25200 must be taken within a semester of declaring the major

B. Required courses in Linguistics and in Rhetoric and Composition (18 credits)

1. In Linguistics

**ENGL 28000 - The Structure of Modern English**

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

*prereq: ENGL 22000*

3 hrs

3 cr.

2. Between one to three courses in Linguistics (3-9 credits) from

**ENGL 33000 - Sociolinguistics**
This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33300 - Topics in Language and Linguistics

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence
the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

**ENGL 34800 - English Across the World**

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.

**3. In Rhetoric and Composition**

**ENGL 30100 - Composition Theory and Practice**

GER
3/A

Study of the theory and practice of academic composition.

**ENGL 34000 - History of Rhetoric**

GER
3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.
ENGL 34100 - Rhetorical Criticism

GER
3/A

This course will focus on rhetorical criticism as a genre of academic writing.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34200 - Topics in Rhetoric

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34300 - Topics in Composition Studies

Focused study of aspects of composition theory and/or practice. Topics vary from semester to semester and may include the history of composition studies, new media and digital studies, and/or writing across the curriculum. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

• In addition to ENGL 28000 and ENGL 30100, majors in this concentration take either one more course in linguistics and three more courses in rhetoric; three more courses in linguistics and one more course in rhetoric; or two more courses in linguistics and two more courses in rhetoric.

C. Survey courses in literature (6 credits)

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and
historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 30700 - Survey of American Literature: From Origins to the Civil War**

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

D. Literature Requirements (3 credits)

1. One course from

**ENGL 31700 - Topics in Non-European Literary Traditions (W)**

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 31800 - Topics in Literature of Non-European Americans (W)**

Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.
ENGL 32000 - Multi-Ethnic American Literature (W)

Prereq: ENGL 22000
3 hrs
3 cr.

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

ENGL 32100 - Topics in African American Literature

Prereq: ENGL 22000
3 hrs
3 cr.

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

ENGL 32300 - Topics in Asian American Literature

Prereq: ENGL 22000
3 hrs
3 cr.

Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

ENGL 32400 - Topics in Native American Literature

Prereq: ENGL 22000
3 hrs
3 cr.

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.
ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER 3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER 3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER 3/A
Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

E. Electives (9 credits)

Students in this major are required to take nine credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28500).

All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course. Permission will only be granted for 300-level courses in other departments.

Note: Linguistics and Rhetoric majors may also choose one additional elective outside of the department from courses related to linguistics or rhetoric offered in other departments - in Anthropology (ANTHC 15100 Introduction to Linguistics; ANTHC 32047 Youth and Language; ANTHC 32076 Language, Sex And Gender; ANTHC 32081: Language and Power; ANTHC 35100 Language In Culture And Society; ANTHC 35200 Language In Society; ANTHC 35400: Grammatical Analysis (3 Cr); ANTHC 40100 Seminar Linguistic Field Techniques; ANTHC 40176 Discourse Pragmatics; ANTHC 40191 Languages In Contact)) in Classics (CLA 11000 Greek and Latin Roots to Logic and of English); and in Philosophy (PHILO 10300 Introduction to Logic and Critical Thinking; PHILO 39484: Speech Acts); or from courses in foreign language study that are beyond those taken in fulfillment of the foreign language requirement (e.g., advanced courses in a second language, beginning courses in a third language).

*ENGL 33300 and ENGL 34200 may be taken multiple times in different topics to fulfill both required and elective courses

400-level Advanced Seminar

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).
• ENGL 49000 - Advanced Seminar in Literature and Criticism (Prerequisites: ENGL 22000; ENGL 25200; ENGL 30400; ENGL 30600; ENGL 30700; one of ENGL 31700, 31800, 32000, 32100, 32300, 32400, 32500, 32600, 32700, or 32900)
• ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28000; ENGL 30100; and one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, ENGL 34800)
• ENGL 48400 - Advanced Seminar in Creative Writing (Prerequisites: ENGL 22000; ENGL 25200; ENGL 28500; ENGL 30400; ENGL 30700; and both a level 1 and 2 workshop in the student's chosen genre)

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

Concentration in Literatures and Criticism (42 credits)

Return to Programs and Courses in English

Majors who choose the Concentration in Literatures and Criticism (42 credits) take ENGL 22000 Introduction to Writing about Literature (W) (3) and ENGL 25200 Introduction to Literary Studies (3), four required courses (12), three courses in a specialized area of study (9), one 300- or 400-level English course with a focus on literature or rhetoric before 1800 (3), and 4-5 electives (12-15).

The department recommends that students take the six required courses early in their major studies, preferably soon after they have declared the major. The Literatures, Language and Criticism concentration is designed to provide students with exposure to a range of literary texts and traditions, as well as to a specific area of study in which to focus. The first two areas of study reflect particular national literatures, and the remaining four are designed with broader approaches to literary study in mind. With prior approval, a student may also work with an adviser to design her own area.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

Courses CUNY Common Core
ENGL 22000 English Composition (EC)
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

A. Introductory Courses (6 credits)

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.
• ENGL 22000 must be the first course taken in the major
• ENGL 25200 must be taken within a semester of declaring the major

B. Survey Courses in Literature and Theory (9 credits)

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

C. Literature Requirements (12 credits)

1. Two courses (6 credits) from

ENGL 31700 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 31800 - Topics in Literature of Non-European Americans (W)
Pluralism and Diversity
PD/B
GER
3/A

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32300 - Topics in Asian American Literature

Pluralism and Diversity
PD/B
Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 32400 - Topics in Native American Literature
Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 32500 - Post-Colonial Literature in English (W)

Pluralism and Diversity
P&D A
GER
3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 32600 - Topics in US Latina/o Literature

Pluralism and Diversity
PD/B

Selected works by US Latina/o writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 32700 - Topics in Caribbean Literature (W)

Pluralism and Diversity
PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

*prereq: ENGL 22000*
ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 33200 - History of the English Language (W)

The diversity and spread of English across the globe. The effects of language contact on English.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 33500 - Chaucer

Pluralism and Diversity

PD/D

GER
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 33600 - Medieval Literature (1100-1500)

GER
3/A
A survey of selected works from across the medieval period, encompassing a range of authors and literary genres

_prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 33700 - Literary Aspects of Folklore**

**GER**

3/A

Studies of folktales, ballads and legends in their relationship to written literature.

_prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 34000 - History of Rhetoric**

**GER**

3/A

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.

_prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 35000 - Renaissance Drama**

**Pluralism and Diversity**

**GER 3/A**

A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton

_prereq: ENGL 22000
3 hrs
3 cr.

**ENGL 35100 - The Age of Elizabeth I**

**Pluralism and Diversity**

**PD/D**

**GER**

3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
ENGL 35200 - Shakespeare Survey

- Prerequisite: ENGL 22000
- 3 hrs
- 3 cr.

**Pluralism and Diversity**

PD/D

GER

3/A

A survey of Shakespeare's works from across his career.

ENGL 35300 - Shakespeare I

- Prerequisite: ENGL 22000
- 3 hrs
- 3 cr.

**Pluralism and Diversity**

PD/D

GER

3/A

Study of works from first half of Shakespeare's career.

ENGL 35400 - Shakespeare II

- Prerequisite: ENGL 22000
- 3 hrs
- 3 cr.

**Pluralism and Diversity**

PD/D

GER

3/A

Study of works from second half of Shakespeare's career.

ENGL 35500 - Topics in Shakespeare (W)

- Prerequisite: ENGL 22000
- 3 hrs
- 3 cr.

**GER**

3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme.
ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 36000 - The 17th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36100 - Milton

Pluralism and Diversity
PD/D
GER
3/A

Poetry and selected prose of Milton, with special emphasis on Paradise Lost.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36200 - English Drama of Restoration and 18th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.

prereq: ENGL 22000
3 hrs
3 cr.
ENGL 36300 - Topics in Milton

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 36400 - The Age of Satire

Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36500 - The Later 18th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36800 - The 18th Century English Novel

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36900 - The 19th Century English Novel
Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37100 - Topics in Romantic Literature

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37200 - Romantic Poetry

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron, Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38200 - Topics in Medieval Literature

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38300 - Topics in Renaissance Literature

GER
3/A
Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38400 - Topics in Restoration and 18th Century Literature
GER
3/A

Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr.

Some courses under the following number (depending on the topic; check department listings)

ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.

cross-listed WGS 31900
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature
ENGL 32400 - Topics in Native American Literature
ENGL 32900 - Topics in Cross-Cultural Literature in English (W)

ENGL 32200 - Topics in Gender and Sexuality in Literature

Pluralism and Diversity
PD/C
Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.
ENGL 33300 - Topics in Language and Linguistics

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34200 - Topics in Rhetoric

GER
3/A

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

prereq: ENGL 22000
3 hrs
3 cr

ENGL 36600 – Topics in Literary Theory and Criticism

ENGL 38600 - Topics in British and American Literature
Pluralism and Diversity
PD/C or PD/D (some topics)

GER
3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 38700 - Topics in British and/or Irish Fiction

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.

May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.

May be repeated once for credit with a different topic.

*prereq: ENGL 22000
3 hrs
3 cr.*

ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D

GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

*prereq: ENGL 22000*
ENGL 39100 - Topics in British and/or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000*

3 hrs
3 cr.

ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000*

3 hrs
3 cr.

ENGL 39400 - World Literature: Drama

*GER*
3/A

Selected plays, classical, medieval and modern, including dramatic criticism.

*prereq: ENGL 22000*

3 hrs
3 cr.

ENGL 39800 - Topics in American Fiction

*Pluralism and Diversity*
*PD/C*
*GER*
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser. May be repeated once for credit with a different topic.

*prereq: ENGL 22000 ENGL 39500 or ENGL 39600*

3 hrs
3 cr.

ENGL 39900 - Topics in American Multi-Genre Literature (W)

*Pluralism and Diversity*
*PD/C*
Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser. May be repeated once for credit with a different topic.

**ENGL 49400 - Honors Seminar: Special Studies**

**Pluralism and Diversity**  
**GER**  
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

1 sem  
3 cr.

3. One course in literature, linguistics, or rhetoric pre-1900. Courses include all those listed above under the pre-1800 requirement (with the exception of courses in Shakespeare: ENGL 35200, ENGL 35300, ENGL 35400, ENGL 35500); and include the following:

**ENGL 33900 - Survey of British Literature II: The Eighteenth Century to the Present**

A survey of British Literature from the eighteenth century to the present, encompassing a range of authors and genres, and employing a variety of interpretive strategies.

**ENGL 37300 - Victorian Literature (W)**

**Pluralism and Diversity**  
**PD/D**  
**GER**  
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include. Authors may include Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, Newman, Dickens, the Brontes, George Eliot, and Thackery.

**ENGL 36900 - The 19th Century English Novel**

3 hrs  
3 cr.
ENGL 38500 - Topics in 19th Century Literature

GER
3/A

Topics vary from semester to semester.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39600 - American Prose from Reconstruction to World War I

GER
3/A

Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39700 - Pre-20th Century American Poetry

GER
3/A

Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.
prereq: ENGL 22000
3 hrs
3 cr.

Some courses under the following number (depending on the topic; check department listings)
- ENGL 32300 – Topics in Asian American Literature
- ENGL 32600 – Topics in US Latina/o Literature
- ENGL 32700 – Topics in Caribbean Literature

E. Electives (15 credits)

Students in this major are required to take fifteen credits of elective courses. One elective course must be a 400-level advanced seminar, which can only be taken after achieving 24 credits in the major (see below). The remaining courses must be at the 300-level or above (with the exception of ENGL 28000 and ENGL 28500).

All English majors also have the option to take one of their elective courses in another department. In order to do this, students must meet all of that
department's prerequisites for the course. Students with double majors may apply the course to one of those majors, but not both. For example, someone majoring in English and History who takes HIST 34251 Britain Since 1689 may count that course toward either the English or History major, not both. Students may choose from the courses and departments listed below.

Note: To take a 300-level course in one of the following departments and programs that is not on the list, or in another department, students must have prior written permission from an English advisor and must meet all the prerequisites for the course.

E. 400-level Advanced Seminar

All English majors must take a 400-level Advanced Seminar as one of their electives. In order to be eligible for the course, students must first complete at least 24 credits in the major and meet the prerequisites for the specific Seminar (listed below).

ENGL 49000 - Advanced Seminar in Literature and Criticism

Focused study of and research on a selected author or authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme.

*prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 30400 (currently ENGL 33800), ENGL 30600, ENGL 30700 (currently ENGL 39500); and one of ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32300, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900
3 hrs.
3 cr.

ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric

Advanced-level study of a special focus in Linguistics and/or Rhetoric, with a goal of producing a substantial piece of research writing. Focus may vary from semester to semester.

*prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28000, ENGL 30100; at least one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and at least one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, or ENGL 34800; and two courses at 300 or 400 level
3 hrs
3 cr.

ENGL 48400 - Advanced Seminar in Creative Writing
Advanced seminar in a specific genre of creative writing (fiction, poetry, or creative non-fiction), with an emphasis on craft, style, and/or strategies for creative writers.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28500 (formerly 30000), ENGL 30400, ENGL 30700, level I and level II workshops in specified genre (30800 and 30900; 31100 and 31500; or 31400 and 31600).

3 hrs
3 cr.

Students may take any Advanced Seminar for which they meet the prerequisites. If eligible, students may take the Honors Seminar (ENGL 49400) in place of or in addition to one of the Advanced Seminars. In rare cases, students may take ENGL 48500 Individual Tutorial Project instead of an Advanced Seminar, but only by permission of an advisor and the professor supervising the project.

Degree Map

Degree Map for English: Literature, Language, & Criticism

Degree Map for English: Creative Writing

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

*prereq: successful completion of developmental courses, if required*

3 hrs + conf

3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- US Experience in its Diversity
- Life and Physical Sciences

### Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

**Hunter Core**

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

*prereq: ENGL 12000*

3 hrs + one additional conference hour

3 cr.

- Scientific World
- Foreign Language Elementary Level 2
- Creative Expression
- Individual & Society/ Social Sciences

### Sophomore Year

### Fall

**ENGL 25200 - Introduction to Literary Studies**

**GER**

3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

*prereq: ENGL 22000*
3 hrs.
3 cr.
- Elective
- Individual & Society/ Humanities
- Foreign Language Level 3
- World Cultures & Global Issues

Spring

ENGL 28500 - Introduction to Creative Writing

GER
3/A
An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods. Students must pass this course with a B to major in Creative Writing. Prerequisite for all 300-level writing courses, except ENGL 30100. 
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.
- Foreign Language Level 4
- Elective
- Elective

Junior Year

Fall

- Creative Writing Workshop
- ENGL 30700 , ENGL 39600 , or ENGL 39700 Courses in American Literature
- ENGL 31800 , ENGL 32000 , ENGL 32100 , ENGL 32400 ,ENGL 32500 , or ENGL 32700 Course in Multi-Ethnic or Transnational Literature
- Hunter Focus
- Elective
Spring

- Creative Writing Workshop
- ENGL 30600, ENGL 33000, ENGL 28000, ENGL 33200, ENGL 34000, or ENGL 34800 Course in Lit Theory, Linguistics or Rhet.
- ENGL 300 or 400 Level Course with focus on pre-1800 Literature or Rhetoric*
- Elective
- Elective

Senior Year

Fall

- Creative Writing Workshop
- ENGL 300 or 400 Level Elective
- Elective
- Elective
- Elective

Spring

- ENGL 300 or 400 Level Elective
- ENGL 300 or 400 Level Elective
- Elective
- Elective
- Elective

Notes:

* The 300 or 400 level elective that focuses on pre-1800 literature cannot be ENGL 338 or ENGL 395

Degree Map for English: Language Arts

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.
Freshman Year

Fall

**ENGL 12000 - Expository Writing**

_Hunter Core_

English Comp (EC)

**GER**

1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

_prereq: successful completion of developmental courses, if required_

3 hrs + conf

3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- US Experience in its Diversity
- Life & Physical Sciences

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

_Hunter Core_

English Comp (EC)

**GER**

2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

_prereq: ENGL 12000_

3 hrs + one additional conference hour

3 cr.

- Scientific World
- Foreign Language Elementary Level 2
- Creative Expression
- Individual & Society/ Social Sciences

Sophomore Year

Fall
ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

_prereq:_ ENGL 22000
3 hrs.
3 cr.
- Elective
- Individual and Society/ Humanities
- Foreign Language Intermediate Level 3
- World Cultures & Global Issues

Spring

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

_prereq:_ ENGL 22000
3 hrs
3 cr.
- Foreign Language Intermediate Level 4
- ENGL 30700, ENGL 39600, or ENGL 39700 Course in American Literature
- Elective
- Elective

Junior Year

Fall

ENGL 32000 - Multi-Ethnic American Literature (W)

_Pluralism and Diversity_
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

_prereq:_ ENGL 22000
3 hrs
3 cr.
ENGL 30100 - Composition Theory and Practice

GER
3/A

Study of the theory and practice of academic composition.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30500 - Studies in Children's Literature

GER
3/A

Selected works of children's literature in relation to a special theme, technique, theoretical issue, or cultural consideration.

prereq: ENGL 22000
3 hrs
3 cr.

- Hunter Focus
- elective

Spring

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs
3 cr.

- ENGL 300, ENGL 308 or ENGL 341 Course in Writing
- ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34000, ENGL 34200, or ENGL 34800 Course in Language, Linguistics, Rhetoric
- Elective
- Elective

Senior Year

Fall

- ENGL 300 or 400 Level Elective
- Elective
- Elective
Degree Map for English: Linguistics & Rhetoric

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

\textit{prereq: successful completion of developmental courses, if required}

3 hrs + conf

3 cr.

- HCR - Math & Quantitative Reasoning
- Foreign Language - Elementary Level I
- HCR - US Experience in its Diversity
- HCR - Life and Physical Sciences
Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- HCR - Scientific World
- Foreign Language - Elementary Level II
- HCR - Creative Expression
- HCR - Individual and Society : Social Sciences

Sophomore Year

Fall

ENGL 25000 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A or B or C or D
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

- HCR - Individual and Society : Humanities
- Foreign Language - Intermediate Level I
- ELECTIVE
- ELECTIVE

Spring
ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

prereq: ENGL 22000
3 hrs.
3 cr.

ENGL 30100 - Composition Theory and Practice

GER
3/A

Study of the theory and practice of academic composition.

prereq: ENGL 22000
3 hrs
3 cr.
- Foreign Language - Intermediate Level II
- ELECTIVE
- ELECTIVE

Junior Year

Fall

ENGL 28000 - The Structure of Modern English

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000
3 hrs
3 cr.
- ENGL 340, ENGL 341 OR ENGL 342
- HCR - Concentrated Study
- ELECTIVE

Spring

- ENGL 330, 332, 333, 346-348
- ENGL 340-342
- ENGL 395-397
- ELECTIVE
- ELECTIVE

Senior Year

Fall

- ENGL 330, 332, 333, 346-348
- ENGL 300 or 400 Level Elective
- ENGL 317, 318, 320, 321, 323-327, 329
- ELECTIVE
- ELECTIVE

Spring

- ENGL 300 or 400 Level Elective
- ENGL 300 or 400 Level Elective
- ELECTIVE
- ELECTIVE
- ELECTIVE

Degree Map for English: Literature, Language, & Criticism

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with an English major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.
Freshman Year

Fall

**ENGL 12000 - Expository Writing**

*Hunter Core*
English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.  
*prereq: successful completion of developmental courses, if required*  
3 hrs + conf  
3 cr.  
- Math & Quantitative Reasoning  
- Foreign Language Elementary Level 1  
- US Experience in its Diversity  
- Life and Physical Sciences

Spring

**ENGL 22000 - Introduction to Writing about Literature (W)**

*Hunter Core*
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.  
*prereq: ENGL 12000*  
3 hrs + one additional conference hour  
3 cr.  
- Scientific World  
- Foreign Language Level 2  
- Creative Expression  
- Individual & Society/ Social Sciences

Sophomore Year

Fall
ENGL 25200 - Introduction to Literary Studies

GER
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

_prereq:_ ENGL 22000

3 hrs.
3 cr.
- Elective
- Foreign Language Level 3
- Individual & Society/ Humanities
- World Cultures & Global Issues

Spring

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

_prereq:_ ENGL 22000

3 hrs
3 cr.

ENGL 30600 - Introduction to Literary Theory (W)

GER
3/A

An introduction to major theories of literature, with an emphasis on contemporary trends.

_prereq:_ ENGL 22000

3 hrs
3 cr.
- Foreign Language Level 4
- Elective
- Elective

Junior Year

Fall
ENGL 30700 - Survey of American Literature: From Origins to the Civil War

GER
3/A

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.

prereq: ENGL 22000
3 hrs
3 cr.
• ENGL Area of Study Course 1
• Hunter Focus
• Elective

Spring

• ENGL Area of Study Course 2
• ENGL 300 or 400 Level Elective
• ENGL 300 or 400 Level Elective
• Elective
• Elective

Senior Year

Fall

• ENGL Area of Study Course 3
• ENGL 300 or 400 Level Elective
• Elective
• Elective
• Elective
Spring

- ENGL 300 or 400 Level Elective
- ENGL 300 or 400 Level Elective
- Elective
- Elective
- Elective

Notes:

One of your five 300 or 400 level electives (or, alternatively, one of your three Area of Study courses) needs to fulfill the pre 1800 course requirement.

English - BA

The English Department offers students five concentrations:

- Concentration in Literatures and Criticism (42 credits)
- Concentration in Creative Writing (42 credits)
- Concentration in English Language Arts (42 credits)
- Concentration in English: Foundations for Adolescent Education (42 credits)
- Concentration in Linguistics and Rhetoric (42 credits)

After taking ENGL 22000 - Introduction to Writing about Literature (W), required of all students and a pre-requisite for all other courses in the major, students take thirty-nine credits (13 classes) of courses at the 300- and 400-level, with the exception of the following courses which are part of the major:

- ENGL 25200 - Introduction to Literary Studies, required of all students and to be taken within one semester of declaring the major
- ENGL 28000 - The Structure of Modern English, required for ELA, Linguistics and Rhetoric, and PSST students
- ENGL 28500 - Introduction to Creative Writing, required of all Creative Writing students

Depending on the concentration, students are required to take between 9-18 credits in literary studies, a range of credits in courses specific to their concentration, and between 9-15 credits in electives, including one advanced 400-level seminar. Up to 6 credits in the major sequence may be taken for CR/NC.

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Honors
In order to qualify for departmental honors, students must take the Honors Seminar (ENGL 49400) and write an honors essay. The essay is normally written in relation to the Honors Seminar and under the supervision of the professor teaching the seminar. To take the Honors Seminar, students must first complete at least 24 credits of 300- and/or 400-level English classes with a GPA of at least 3.5 in those courses and an overall GPA of at least 2.8. Of these 24 credits, 21 must be taken at Hunter (in exceptional cases, 18 credits may suffice). The Honors Seminar requirement is in addition to the specified required courses in the student's concentration. Students interested in pursuing departmental honors should consult an undergraduate adviser. Please see the college rules on Academic Honors for more information in Academic Policies & Procedures.

**ENGL 49400 - Honors Seminar: Special Studies**

**Pluralism and Diversity**

PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

1 sem
3 cr.

**Note(s)**

*The Honors Seminar requirement is in addition to the specified courses in the student’s major concentration. Students interested in departmental honors should consult the undergraduate adviser.*

**Minor in English**

The English Department offers a 12-credit minor that provides students with an opportunity to pursue interests in literature, language, rhetoric, composition, and creative writing at the intermediate and advanced levels. The prerequisite to declare a minor is ENGL 22000 - Introduction to Writing about Literature (W). Students minoring in English may choose four courses (12 cr.) from among 200- and 300-level literature, language, or writing offerings, with a minimum of two 300-level courses necessary to satisfy the Minor requirements. Students who wish to take Creative Writing workshops in any of the three genres offered (Fiction, Poetry, and Creative Non-Fiction) must first pass ENGL 28500 - Introduction to Creative Writing, with a minimum grade of B.

*NOTE: No course below English 22000 counts towards fulfillment of the Minor except ENGL 21800 - Advanced Expository Writing. English minors may not take 400-level courses.*

**ENGL 00200SL - Reading II**

3 hrs
2 cr.

ENGL 00400SL - English for Bilingual Students II

Frequent paragraphs and essays: organizing, correcting grammar and sentence structure. Placement test required.

6 hrs + conf
1 cr.

ENGL 00500SL - English for Bilingual Students III

Frequent essays: organizing ideas, revising, improving sentence variety, idiomatic structure. Placement test required.

3 hrs + conf
2 cr.

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

ENGL 25000 - Topics in Literature

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/A or B or C or D
GER
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.
ENGL 25100 - Topics in Literature

Hunter Core  
Creative Expression (CE)  
Pluralism and Diversity  
GER  
P/D/A  
GER  
2/C

Specific critical and thematic approaches to selected works of literature written in English. Course may be taken twice if the topic differs, but not more than twice. Some topics in ENGL 250 satisfy PD requirements in categories A, B, C, or D. Check in the schedule of classes and with an undergraduate adviser.

*prereq: ENGL 22000  
3 hrs  
3 cr.

ENGL 25200 - Introduction to Literary Studies

GER  
3A

Description: Study of selected authors, works, genres, or time periods emphasizing various modes of critical and theoretical analysis, methods of research, and historical contextualization.

*prereq: ENGL 22000  
3 hrs.  
3 cr.

ENGL 25400 - Survey of British Literature II: the Eighteenth Century to the Present

Pluralism and Diversity  
P/D D  
GER  
3/A

Chronologically arranged readings in British literature from the 18th to the 20th century.

*prereq: ENGL 22000  
3 hrs  
3 cr.

ENGL 25500 - Topics in Non-European Literary Traditions (W)

Pluralism and Diversity  
P/D/A  
GER  
3/A

Each course examines literature written in the English language by writers in
non-European traditions. May be repeated once for credit with a different topic.

**ENGL 25600 - Topics in Literature by Non-European Americans (W)**

*Pluralism and Diversity*

*GER*  
3/A

Each course is an examination of one or more of the following groups: African Americans, Asian Americans, Latino Americans, Native Americans and Caribbean Americans. May be repeated once for credit with a different topic.

**ENGL 25800 - Topics in Literature by Women (W)**

*Pluralism and Diversity*

*GER*  
3/A

Selected works by women written in English will be studied with emphasis on the diversity of women's lives and the effect of gender on experience. May be repeated once for credit with a different topic.

cross-listed WGS 25800 (W)

**ENGL 35800 - Topics in Literature**

Topics vary from semester to semester. May be repeated once for credit with another topic.

**ENGL 28000 - The Structure of Modern English**

This course offers an introduction to the study of the linguistic and rhetorical structures of English, in particular sound systems (phonology), word formation (morphology), grammatical constructions (syntax), and language as social and cultural practice (discourse analysis and stylistics).

*prereq: ENGL 22000*
ENGL 30200 - Introduction to Literary Analysis (W)

GER
3/A

Study of selected authors, works, genres, or time periods emphasizing various modes of critical analysis and methods of research.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 30300 - Western Literary Backgrounds of British and American Literature

Pluralism and Diversity
PD/D

Major works of Western drama, poetry, and prose in translation, which may include the Bible and Greek and Roman epic, and exploration of their influence on works from other periods.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 30400 - Survey of British Literature I: Early Texts To the Eighteenth Century

A survey of British Literature from its earliest manifestations to the eighteenth century, encompassing a range authors and genres in their cultural, social, and historical contexts. Required for all English majors.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 30500 - Studies in Children’s Literature

GER
3/A

Selected works of children’s literature in relation to a special theme, technique, theoretical issue, or cultural consideration.

prereq: ENGL 22000

3 hrs
3 cr.

ENGL 30600 - Introduction to Literary Theory (W)
An introduction to major theories of literature, with an emphasis on contemporary trends.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30700 - Survey of American Literature: From Origins to the Civil War

An introduction to American literature up to the Civil War, surveying material in a range of genres and periods and encompassing a variety of interpretive approaches. Required of all English majors.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 31700 - Topics in Non-European Literary Traditions (W)

Study of literature written in English by writers in non-European traditions, in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 31800 - Topics in Literature of Non-European Americans (W)

Comparative study of literature written in English by writers from two or more of the following groups, in relation to a particular literary, cultural, historical, or theoretical theme: African Americans, Asian Americans, Latino Americans, Native Americans, and Caribbean Americans.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 31900 - Topics in Literature by Women (W)

Pluralism and Diversity
PD/C
GER
3/A

Study of selected works by women in relation to a particular literary, cultural, historical, or theoretical theme.

cross-listed WGS 31900
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32000 - Multi-Ethnic American Literature (W)

Pluralism and Diversity
PD/B
GER
3/A

Study of American writers of diverse backgrounds, which may include, Asian, African, Latino, Jewish, and Native American, in their historical and cultural contexts.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32100 - Topics in African American Literature

Pluralism and Diversity
PD/B
GER
3/A

Study of selected works by African American writers in relation to a particular literary, cultural, historical, or theoretical theme.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 32200 - Topics in Gender and Sexuality in Literature

Pluralism and Diversity
PD/C

Study of selected works examining gender and sexuality in literature in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary
from semester to semester. May be repeated once for credit with a different topic.

**ENGL 32300 - Topics in Asian American Literature**

Pluralism and Diversity

PD/B

Selected works by Asian American writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

**ENGL 32400 - Topics in Native American Literature**

Pluralism and Diversity

PD/B

GER

3/A

Study of selected works by Native American writers in relation to a particular literary, cultural, historical, or theoretical theme.

**ENGL 32500 - Post-Colonial Literature in English (W)**

Pluralism and Diversity

P&D A

GER

3/A

Study of postcolonial literature written in English and in translation by writers from a number of different regions, which may include South Asia, Africa, the Caribbean, and the Middle East.

**ENGL 32600 - Topics in US Latina/o Literature**

Pluralism and Diversity

PD/B

Selected works by US Latina/o writers in relation to a particular literary,
cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic.

**ENGL 32700 - Topics in Caribbean Literature (W)**

*Pluralism and Diversity*

PD/A
GER
3/A

Study of selected works by Caribbean writers in relation to a particular literary, cultural, historical, or theoretical theme. May be repeated once for credit with a different topic.

*prereq: ENGL 22000*
3 hrs
3 cr.

**ENGL 32900 - Topics in Cross-Cultural Literature in English (W)**

GER
3/A

Study of selected works of cross-cultural world literature in English in relation to a particular literary, cultural, historical, or theoretical theme.

*prereq: ENGL 22000*
3 hrs
3 cr.

**ENGL 33000 - Sociolinguistics**

This course introduces the study of language use in society in relation to class, gender, ethnicity, race, and age. The nature of language and language rights including pidgins, creoles, and dialects are examined. Critical discourse theory is introduced as part of the analysis of the relationship of language and education, social mobility and power.

*prereq: ENGL 22000*
3 hrs
3 cr

**ENGL 33200 - History of the English Language (W)**

The diversity and spread of English across the globe. The effects of language contact on English.

*prereq: ENGL 22000*
3 hrs
3 cr.
ENGL 33300 - Topics in Language and Linguistics

GER
3/A

Exploration of language or linguistic systems in relation to their social and cultural contexts. Topics vary from semester to semester. May be repeated for credit with a different topic.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33400 - Beowulf and Other Early Texts

This course will introduce students to the Old English language through the study of its literature, and it will be organized around a topic to be determined by a faculty member. Students will learn the fundamentals of Old English grammar and pronunciation so that they can read Old English texts with the aid of a dictionary; hence students will deepen their research and writing skills.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33500 - Chaucer

Pluralism and Diversity
PD/D
GER
3/A

Study of Chaucer, with emphasis on The Canterbury Tales.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33600 - Medieval Literature (1100-1500)

GER
3/A

A survey of selected works from across the medieval period, encompassing a range of authors and literary genres
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 33700 - Literary Aspects of Folklore

GER
3/A
Studies of folktales, ballads and legends in their relationship to written literature.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 33900 - Survey of British Literature II: The Eighteenth Century to the Present**

A survey of British Literature from the eighteenth century to the present, encompassing a range of authors and genres, and employing a variety of interpretive strategies.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 34000 - History of Rhetoric**

*GER
3/A*

This course will explore canonical and marginalized developments in the history of rhetoric. Individual sections will concentrate on specific periods such as Ancient, Enlightenment, 20th-Century, etc.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 34100 - Rhetorical Criticism**

*GER
3/A*

This course will focus on rhetorical criticism as a genre of academic writing.

*prereq: ENGL 22000
3 hrs
3 cr.*

**ENGL 34200 - Topics in Rhetoric**

*GER
3/A*

Topics vary from semester to semester. Course will focus on the persuasive function of language in relation to a special theme, theoretical issue, or cultural consideration. May be repeated multiple times for credit with a different topic.
ENGL 34600 - Discourse Analysis

Discourse analysis has been informed by several academic disciplines, including anthropology, linguistics, philosophy, literary theory, and sociology. Since there are many ways to define and analyze discourse, there exist multiple, and often conflicting, approaches to the study of language use. This course is an introduction to various methods of discourse analysis, which will be explored through critical reading and discussion, and through hands-on application of these methods on actual discourse data.

ENGL 34700 - Language and Ethnicity

Pluralism and Diversity
PD/B
GER
3/A

This course explores the relationship between language and ethnicity with a primary focus on the United States. It examines how language is used in the construction of ethnic identities, and how ideologies about ethnicity influence the ways in which people use language. It is centered on class discussion of social scientific research that closely analyzes how ethnicity is performed in discursive interaction. The course investigates language use in relation to African American, Native American, U.S. Latino/a, Asian American, and European American identities, and covers topics, such as codeswitching, crossing, mocking, passing, interethnic communication, and language prejudice.

ENGL 34800 - English Across the World

This course will examine the spread of English across the world in terms of two major processes: linguistic imperialism, or the imposition of the language from a colonial center on a colonized periphery, and macroacquisition, or the adoption and adaptation of English by speech communities themselves. The main geographical focus will be the former colonial territories of Britain and the United States in Asia and Africa. Class discussions will be guided by two texts that present opposing views of the historical processes in question and will be further illuminated by students' own research on individual countries.
ENGL 35000 - Renaissance Drama

Pluralism and Diversity
GER 3/A
A survey of English Renaissance drama in its cultural, social, and historical context, excluding Shakespeare. Authors may include Marlowe, Jonson, Cary, Webster, Dekker, and Middleton
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35100 - The Age of Elizabeth I

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on the work of Spenser; readings in other Elizabethan poetry and prose.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35200 - Shakespeare Survey

Pluralism and Diversity
PD/D
GER
3/A

A survey of Shakespeare's works from across his career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35300 - Shakespeare I

Pluralism and Diversity
PD/D
GER
3/A

Study of works from first half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35400 - Shakespeare II
Pluralism and Diversity
PD/D
GER
3/A

Study of works from second half of Shakespeare's career.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35500 - Topics in Shakespeare (W)

GER
3/A

Study of Shakespeare's works in relation to a particular literary, historical, or theoretical theme
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 35900 - Topics in Seventeenth-Century Literature

Poetry, prose and/or drama of the seventeenth century. Representative authors may include John Donne, Ben Jonson, Amilia Lanyer, Katherine Philips, John Milton, George Herbert, Lady Mary Wroth, Francis Bacon and Andrew Marvell.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36000 - The 17th Century

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative works from the period in their cultural, social, and historical contexts. Authors may include Donne, Cary, Philips, Marvell, Herrick, Milton, and Rochester.
prereq: ENGL 22000
3 hrs
3 cr.

ENGL 36100 - Milton

Pluralism and Diversity
PD/D
GER
Poetry and selected prose of Milton, with special emphasis on Paradise Lost.  

**ENGL 36200 - English Drama of Restoration and 18th Century**

*Pluralism and Diversity*  
*PD/D*  
*GER*  
3/A

A survey of representative works of the period in their cultural, social, and historical contexts. Authors may include Behn, Etherege, Wycherley, Dryden, Otway, Congreve, Centlivre, Gay, Goldsmith and Sheridan.  

**ENGL 36300 - Topics in Milton**

Study of Milton's works in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.  

**ENGL 36400 - The Age of Satire**

*Pluralism and Diversity*  
*PD/D*  
*GER*  
3/A

A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Dryden, Manley, Pope, Montagu and Swift.  

**ENGL 36500 - The Later 18th Century**

*Pluralism and Diversity*  
*PD/D*  
*GER*  
3/A
A survey of poetry and non-fiction prose in their cultural, social, and historical contexts. Authors may include Johnson, Boswell, Blake, and Smith.

**ENGL 36800 - The 18th Century English Novel**

Pluralism and Diversity
PD/D
GER
3/A

A survey of representative novels of the period in their cultural, social, and historical contexts. Authors may include Behn, Haywood, Fielding, Richardson, Sterne, Burney, and Austen.

**ENGL 36900 - The 19th Century English Novel**

Pluralism and Diversity
PD/D
GER
3/A

Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy and Meredith.

**ENGL 37100 - Topics in Romantic Literature**

Study of selected works and writers of the British Romantic period in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with another topic.

**ENGL 37200 - Romantic Poetry**

Pluralism and Diversity
PD/D
GER
3/A

Study of major poets of the Romantic period in their cultural, social, and historical contexts. Authors may include Wordsworth, Coleridge, Byron,
Shelley, Keats, Blake, Clare, Barbauld, Smith and Yearsley.

**ENGL 37300 - Victorian Literature (W)**

**Prerequisite:** ENGL 22000

3 hrs

3 cr.

**ENGL 37400 - 20th and 21st Century British and Irish Poetry**

**Prerequisite:** ENGL 22000

3 hrs

3 cr.

**ENGL 37500 - 20th and 21st Century American Poetry**

**Prerequisite:** ENGL 22000

3 hrs

3 cr.

**ENGL 37600 - 20th and 21st Century British and Irish Fiction**

**Prerequisite:** ENGL 22000

3 hrs

3 cr.
Study of representative fiction in its cultural, social, and historical contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37700 - 20th and 21st Century American Fiction

GER
3/A

Study of representative fiction in its cultural, social, and historical contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37800 - 20th and 21st Century British and Irish Drama

Pluralism and Diversity
PD/D
GER
3/A

Study of representative drama in its cultural, social, and historical contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 37900 - 20th and 21st Century American Drama

GER
3/A

Study of representative drama in its cultural, social, and historical contexts.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 38000 - Irish Literary Renaissance

Pluralism and Diversity
PD/D
GER
3/A

Study of Irish writers of the early 20th century in relation to their cultural,
social, and historical contexts. Authors may include Joyce, O'Casey, Synge and Yeats.

**ENGL 38100 - Topics in Theory and Criticism**

Focused study in literary theory and/or criticism. Topics vary and may include focus on specific historical, cultural, and philosophic perspectives, or on a single theory and/or theorist. May be repeated once for credit with a different topic.

_prereq: ENGL 22000_

3 hrs

3 cr.

**ENGL 38200 - Topics in Medieval Literature**

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. May be repeated once for credit with a different topic. May include study of Old and/or Middle English.

_prereq: ENGL 22000_

3 hrs

3 cr.

**ENGL 38300 - Topics in Renaissance Literature**

GER

3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme.

_prereq: ENGL 22000_

3 hrs

3 cr.

**ENGL 38400 - Topics in Restoration and 18th Century Literature**

GER

3/A

Topics vary from semester to semester.

_prereq: ENGL 22000_

3 hrs

3 cr.
ENGL 38500 - Topics in 19th Century Literature

GER
3/A

Topics vary from semester to semester.  
prereq: ENGL 22000  
3 hrs  
3 cr.

ENGL 38600 - Topics in British and American Literature

Pluralism and Diversity  
PD/C or PD/D (some topics)  
GER
3/A

Topics vary from semester to semester. Check the schedule of classes and with the undergraduate adviser to see which topics meet PD requirements.  
prereq: ENGL 22000  
3 hrs  
3 cr.

ENGL 38700 - Topics in British and/or Irish Fiction

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with an undergraduate adviser.  
May be repeated once for credit with a different topic.  
prereq: ENGL 22000  
3 hrs  
3 cr.

ENGL 38800 - Topics in Multi-Genre British and/or Irish Literature

GER
3/A

Study of selected works and writers in relation to a particular literary, cultural, historical, or theoretical theme. Topics vary from semester to semester. Some topics may satisfy PD requirements in categories C or D; check the schedule of classes and with the undergraduate adviser.  
May be repeated once for credit with a different topic.  
prereq: ENGL 22000
ENGL 38900 - One Major Writer (W)

Pluralism and Diversity
PD/C or D
GER
3/A

Authors vary from semester to semester. May be taken more than once with permission of dept. Some authors may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39000 - Topics in 20th Century Literature (W)

GER
3/A

Selected works from the 20th century originally written in English will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39100 - Topics in British and/or Irish Poetry

Study of selected works and poets in the British and/or Irish poetry canon in relation to a particular literary, cultural, historical, or theoretical theme

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39200 - Topics in American Poetry

Study of selected American poetry in relation to a particular literary, cultural, historical, or theoretical theme.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 39400 - World Literature: Drama
Selected plays, classical, medieval and modern, including dramatic criticism.  
**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 39600 - American Prose from Reconstruction to World War I**

**GER**  
3/A  
Study of selected prose works in their historical, cultural, and literary contexts. Authors may include Twain, James, Crane, Du Bois, Wharton, Dreiser, Chesnutt, and Chopin.  
**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 39700 - Pre-20th Century American Poetry**

**GER**  
3/A  
Study of selected poets in their historical, cultural, and literary contexts. Authors may include Bradstreet, Taylor, Wheatley, Poe, Emerson, Lazarus, Whitman, Dickinson, Dunbar, and Robinson. May be used toward Part 4 of the American Literature concentration.  
**prereq:** ENGL 22000  
3 hrs  
3 cr.

**ENGL 39800 - Topics in American Fiction**

**Pluralism and Diversity**  
PD/C  
**GER**  
3/A  
Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser. May be repeated once for credit with a different topic.  
**prereq:** ENGL 22000 ENGL 39500 or ENGL 39600  
3 hrs  
3 cr.

**ENGL 39900 - Topics in American Multi-Genre Literature (W)**
Pluralism and Diversity
PD/C
GER
3/A

Authors or topics vary from semester to semester. Some topics may satisfy PD requirements; check the schedule of classes and with the undergraduate adviser. May be repeated once for credit with a different topic.

prereq: ENGL 22000, ENGL 39500 or ENGL 39600
3 hrs
3 cr.

ENGL 48200 - Special Studies Seminar

GER
3/A

1 hr
1 cr.

ENGL 48300 - Special Studies Seminar

GER
3/A

2 hr
2 cr.

ENGL 48400 - Advanced Seminar in Creative Writing

GER
3/A

Advanced seminar in a specific genre of creative writing (fiction, poetry, or creative non-fiction), with an emphasis on craft, style, and/or strategies for creative writers.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28500 (formerly 30000), ENGL 30400, ENGL 30700, level I and level II workshops in specified genre (30800 and 30900; 31100 and 31300; or 31400 and 31600).
3 hrs
3 cr.

ENGL 48469 - Advanced Poetry Writing

GER
3/A

400-level writing course
3 hrs
3 cr.
ENGL 48476 - Narrative Forms: Strategies in Fiction Writing

400-level writing course
3 hrs
3 cr.

ENGL 48483 - Character, Class, Conflict in Contemporary Fiction

GER
3/A

400-level writing course
3 hrs
3 cr.

ENGL 48491 - Creative Non-Fiction

GER
3/A

400-level writing course
3 hrs
3 cr.

ENGL 48500 - Individual Tutorial Project

GER
3/A

Research paper or substantial creative work written under direction of a full-time instructor.
prereq: perm instr.
1 sem
3 cr.

ENGL 49000 - Advanced Seminar in Literature and Criticism

Focused study of and research on a selected author or authors, texts and/or periods in relation to a particular literary, linguistic, rhetorical, cultural, historical, or theoretical theme.
prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 30400 (currently ENGL 33800), ENGL 30600, ENGL 30700 (currently ENGL 39500); and one of ENGL 31700, ENGL 31800, ENGL 32000, ENGL 32100, ENGL 32500, ENGL 32400, ENGL 32500, ENGL 32600, ENGL 32700, or ENGL 32900
3 hrs.
3 cr.
ENGL 49200 - Advanced Seminar in Linguistics and/or Rhetoric

Advanced-level study of a special focus in Linguistics and/or Rhetoric, with a goal of producing a substantial piece of research writing. Focus may vary from semester to semester.

prereq: a minimum of 24 credits in the major, including ENGL 22000, ENGL 25200, ENGL 28000, ENGL 30100; at least one of ENGL 34000, ENGL 34100, ENGL 34200, or ENGL 34300; and at least one of ENGL 33000, ENGL 33200, ENGL 33300, ENGL 34600, ENGL 34700, or ENGL 34800; and two courses at 300 or 400 level
3 hrs
3 cr.

ENGL 49400 - Honors Seminar: Special Studies

Pluralism and Diversity
PD/C
GER
3/A

Topics in British and American literature and linguistics. May be taken a second time in another subject. Some topics satisfy PD requirements; check the schedule of classes and with the undergraduate adviser.
1 sem
3 cr.

ENGL 49800 - Internship

GER
3/A

Opportunities of working in positions of responsibility in professional institutions for academic credit.
prereq: perm coordinator
1-6 hrs
1-6 cr.

ENGL 34300 - Topics in Composition Studies

Focused study of aspects of composition theory and/or practice. Topics vary from semester to semester and may include the history of composition studies, new media and digital studies, and/or writing across the curriculum. May be repeated once for credit with a different topic.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 12000 - Expository Writing
Hunter Core

English Comp (EC)
GER
1/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

ENGL 20100 - Intermediate Expository Writing Using Small-Group Methods

Additional practice in expository writing; small classes (8-10).

prereq: ENGL 12000
3 hrs
3 cr.

ENGL 21800 - Advanced Expository Writing

Frequent writing practice, with emphasis on clarity, style and organization.

prereq: ENGL 12000
3 hrs + conf
3 cr.

ENGL 28500 - Introduction to Creative Writing

GER
3/A

An introduction to creative writing with a primary focus on poetry, fiction and creative nonfiction, including expository writing, workshop exercises and an introduction to workshop methods.

Students must pass this course with a B to major in Creative Writing.
Prerequisite for all 300-level writing courses, except ENGL 30100.

prereq: ENGL 22000
3 hrs
3 cr.

ENGL 30100 - Composition Theory and Practice

GER
3/A

Study of the theory and practice of academic composition.

prereq: ENGL 22000
3 hrs
3 cr.
ENGL 30800 - Workshop in Non-Fiction I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of various non-fiction genres, including memoir/autobiography and other forms of personal essays, review essays, occasional pieces, and philosophical essays.

prereq: ENGL 30000
3 hrs
3 cr.

ENGL 30900 - Workshop in Non-Fiction II

GER
3/A

A continuation of Workshop in Non-Fiction I, with increasing emphasis on craft and revision.

This course may be repeated once for credit.

prereq: ENGL 30000 and 30800
3 hrs
3 cr.

ENGL 31100 - Workshop in Fiction I

GER
3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of fiction.

prereq: ENGL 30000
3 hrs
3 cr.

ENGL 31300 - Workshop in Fiction II

GER
3/A

A continuation of ENGL 31100, with increasing emphasis on craft and revision. This course may be repeated once for credit.

prereq: ENGL 30000 and ENGL 31100
3 hrs
3 cr.

ENGL 31400 - Workshop in Poetry I
GER 3/A

Using student work and literary models as a basis for discussion, this workshop class offers students the opportunity to develop their skills as writers and readers of poetry.

prereq: ENGL 30000
3 hrs
3 cr.

ENGL 31600 - Workshop in Poetry II

GER 3/A

A continuation of ENGL 31400, with increasing emphasis on craft and revision. This course may be repeated once for credit.

prereq: ENGL 30000 and ENGL 31400
3 hrs
3 cr.

ENGL 48455 - Advanced Prose Writing

GER 3/A

400-Level Writing Course

Programs and Courses in Film and Media

Film and Media Studies

Overview

The Hunter College Department of Film and Media Studies offers three degree programs in the production and critical analysis of film and media. One program leads toward a major in Film, combining film history and theory with film production. The other leads toward a major in Media Studies, combining critical media analysis with creative practice using a mix of contemporary media forms (video, animation, digital imaging and graphics, web and interactive production). Students are encouraged to develop a creative voice that is socially aware and engaged and can find expression across a range of contemporary media technologies. Our curriculum is founded on the integration of theory and practice. Leading scholars in history, aesthetics, media policy, critical theory and alternative and international practices provide students with a broad base in analytical thinking. Courses deal with subjects
such as the history and aesthetics of film, video, television and new media; genre studies; the history, production and distribution of print and broadcast news; media representations of race, class and gender; and the intricate relationships among the mass media, popular culture and society. The department's production courses encourage students to work creatively in a variety of existing and emerging media forms. Courses include narrative film production (including screenwriting and directing), documentary production, television production, journalism and emerging media (including web design, animation, physical computing and game programming). The department is distinguished by award-winning faculty who are active in their respective fields.

What can I do with my degree in Film and Media Studies?

Skills honed in the major include research and communication skills, critical thinking, project management, team building skills and the ability to organize time effectively. In addition to careers within the film and media industries, graduates are attractive to the publishing industry, advertising and communications fields and other related industries.

Programs and Courses

Programs and Courses in Film and Media

Administration and Faculty

Chair:
Kelly Anderson
433 North
(212) 396-6066
kanderso@hunter.cuny.edu

Department Office:
433 North
(212) 772-4949
Web site: http://fm.hunter.cuny.edu
Hours of Operation: Monday-Friday 9:00 AM - 5:00 PM

Program Head, Film:
Joel Zuker
528 North
(212) 650-3477
jzuker@hunter.cuny.edu
Program Head, Analytical Media Studies
Larry Shore
512 North
(212) 772-4951
shunter@optimum.net

Program Head, Documentary and TV Production
Kelly Anderson
433 North
(212) 396-6066
kanderso@hunter.cuny.edu

Program Head, Emerging Media
Ricardo Miranda
477A North
(212) 396-6763
rmira@hunter.cuny.edu

Program Head, Journalism
Sissel McCarthy
525 North
(212) 772-4846
sissel.mccarthy@hunter.cuny.edu

Faculty
Film and Media Studies Faculty

HEGIS Codes: 1010 (Film), 0601 (Media)

Degree Map for Film
The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Film major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year
Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
1/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research. 
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.
3 hrs
3 cr.
• Math & Quantitative Reasoning
• Foreign Language Level 1
• Scientific World

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.
FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000

prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)

4 hrs
3 cr

- Individual and Society/ Social Sciences
- Foreign Language Level 2
- Life and Physical Sciences

Sophomore Year

Fall

- FILM 20100 Close Film Analysis
- FILPL 27600 Screen Writing I - The Short (W)
- US Experience in its Diversity
- World Cultures & Global Issues (WCGI)
- Foreign Language Level 3
- Individual and Society (Humanities) I&S H

Spring

- FILM 200 or 300- Level Film Style and Close Analysis Anayltical Requirement Elective
- Any 200-level FILM HISTORY course.
- FILMP 25100 - Film Production I FILM 211 Film History I: 1895-1942 -or-
- FILM 212 Film History II: Since 1942
- Foreign Language Level 4
- Elective

Junior Year

Fall

- 300-level FILM History Requirement
- FILMP 35200 - Film Production II
- Hunter Focus
- Elective
- Elective

Spring

- Advanced Production Cluster Requirement
Senior Year

Fall

- FILM Analytical Elective
- Advanced FILM Production Elective
- Elective
- Elective
- Elective

FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and sync sound production techniques.

Material Fee: $20

prereq: FLMP 25100, FILMP 27600 open to film/media majors only or perm instr.

prereq or coreq: Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

4 hrs

3 cr.

- FILM Elective
- Elective
- Elective
- Elective

Spring

- Elective
- Elective
- Elective
- Advanced FILM Production/Analytical Elective

Degree Map for Media Studies: Journalism

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Film major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the
major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

**Freshman Year**

**Fall**

- ENGL 12000 - Expository Writing
- MEDIA 18000 - Introduction to Media Studies
- Math & Quantitative Reasoning
- Foreign Language Level 1
- Scientific World

**Spring**

- ENGL 22000 - Introduction to Writing about Literature (W) or MEDIA 21100 – News Literacy in a Digital Age (EC, W)
- MEDP 150 Media and Film in a Digital Age Pt. 1 / FILMP 150 Media & Film in a Digital Age 1
- Foreign Language Level 2
- Creative Expression
- US Experience in its Diversity

**Sophomore Year**

**Fall**

- FILMP 160 Media & Film in a Digital Age II
- MEDPL 20100 Reporting and Writing I (W)
- Life and Physical Sciences
- Foreign Language Level 3
- MEDIA 21100 News Literacy in a Digital Age

**Spring**

- MEDPL 200 or 300 Level Production Elective
- Individual & Society/ Social Sciences
- Foreign Language Level 4
- MEDPL 20200 Reporting and Writing 2(W)
- World Cultures & Global Issues

**Junior Year**
Fall

- MEDIA 200 or 300-level Elective
- MEDPL 200 or 300-level Production Elective
- Hunter Focus
- Elective
- Elective

Spring

- MEDPL 200 or 300 Level Production Elective
- MEDIA 200 or 300 Level Elective
- Elective
- Elective
- Elective

Senior Year

Fall

- MEDPL 200 or 300 Level Production Elective
- Elective
- Elective
- Elective
- Elective

Spring

- Elective
- Elective
- Elective
- Elective
- Elective

Film - BA

The Department of Film and Media Studies major in Film combines film history and theory with film production. Students are encouraged to develop a creative voice that is socially aware and engaged and can find expression across a range of contemporary technologies. Our curriculum is founded on the integration of theory and practice. Leading scholars in history, aesthetics, critical theory and alternative and international practices provide students with a broad base in analytical thinking. Courses deal with subjects such as the history and aesthetics of film; genre studies; and representations of race, class and gender. The department's production courses encourage students to work creatively in a variety of existing and emerging forms. Courses include narrative film production (including screenwriting and directing), documentary
production, and animation. The department is distinguished by award-winning faculty who are active in their respective fields.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Film major, the course that meets CCCR is:

Course

FILM 10100 Introduction to Cinema

Film Production Track

I. Introductory Courses (6 credits)

**FILM 10100 - Introduction to Cinema**

**Hunter Core**

Creative Expression (CE)

*Pluralism and Diversity*

PD/D

GER

2/D

Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.

3 hrs

3 cr.

**FILMP 16000 - Media & Film in a Digital Age Pt. 2**

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production. *cross-listed* MEDP 16000

*prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)*

4 hrs

3 cr

II. Analytical Course Requirements (12 credits)

A) Film Style and Close Analysis (6 credits)
FILM 20100 - Close Film Analysis

GER
3/A

Close study of a selected motion picture.

*prereq: FILM 10100
4 hrs
3 cr.*

FILM 22400 - Cinematic Space

GER
3/A

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.

*prereq: FILM 10100, 20100
4 hrs
3 cr.*

B) Film History (6 credits):

One course (3 cr) from the following 200-level courses:

FILM 21100 - Film History I: 1895-1945

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from the silent era to 1945.

*prereq: FILM 10100
4 hrs
3 cr.*

FILM 21200 - Film History II: Since 1945

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from 1946 to the present.

*prereq: FILM 10100 or MEDIA 18000
4 hrs
3 cr.*

FILM 21300 - National Cinema
Pluralism and Diversity
PD/D or A
GER
3/A

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.

*prereq: FILM 10100
4 hrs
3 cr.*

One course (3 cr) from the following 300-level courses:

**FILM 34400 - History of Cinematography**

GER
3/A

Survey class addressing key developments in the history and aesthetics of cinematography.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILM 10100 and FILM 20100
4 hrs
3 cr.*

**FILM 39700 - Topics in Film History**

**Pluralism and Diversity**
PD/D
GER
3/A

A focused examination of specific issues and moments in film history. May be taken twice for credit under a different topic. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILM 10100 and FILM 21100 or 21200 or 21300
4 hrs
3 cr.*

III. Production Course Requirements (12 credits):

A) Required Production Sequence (9 credits):

**FILMP 25100 - Film Production I**
Introduction to the fundamentals of filmmaking, writing, cinematography and editing.
Material Fee: $20
prereq: MEDP/FLMP 16000; open to majors only or perm instr.
4 hrs
3 cr.

FILPL 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
3 cr.

FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and sync sound production techniques.
Material Fee: $20
prereq: FLMP 25100, FILMP 27600 open to film/media majors only or perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
4 hrs
3 cr.

B) Advanced Production Cluster (3 credits):

FILMP 37100 - Screen Directing I

Theory and practice of the film director's role as guiding force in creation of visual and aural images.
Except as otherwise noted, ENGL 120 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FLMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr.

FILPL 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILMP 27600
4 hrs
3 cr.

IV. Elective Course Requirements (6 credits):
From analytical and/or production electives: At least one elective must be a 300 level or above course.

A) Analytical Electives:

**FILM 21400 - Multicultural Perspectives in Cinema**

**Pluralism and Diversity**  
PD/B (214.51 only)  
**GER**  
3/A

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.  
*prereq: FILM 10100*  
4 hrs  
3 cr.

**FILM 21500 - Women and Film**

**Pluralism and Diversity**  
PD/C  
**GER**  
3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.  
*prereq: FILM 10100*  
4 hrs  
3 cr.

**FILM 22200 - Topics in Genre Studies**

**GER**  
3/A

Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.  
*prereq: FILM 10100*  
4 hrs  
3 cr.

**FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s**

**Pluralism and Diversity**  
PD/C  
**GER**
This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.

cross-listed WGSA 222.52
prereq: FILM 10100
4 hrs
3 cr.

FILM 23000 - Movies in American Culture

GER
3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.

prereq: FILM 10100
4 hrs
3 cr.

FILM 23200 - Experimental Film and Video

Pluralism and Diversity
PD/D
GER
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.

prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).
4 hrs
3 cr.

FILM 29900 - Special Topics in Film

GER
3/A

Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.

prereq: perm dept.
1-3 hrs
1-3 cr.

FILM 32200 - Contemporary Film Theory

Pluralism and Diversity
PD/D
This course will address a range of theoretical writings on the cinema that were primarily produced during the 1970s and after. Except as otherwise noted, ENGL 12000 is prerequisite for all 30000- and 40000-level courses in FILM.

**FILM 32400 - Narrative Strategies**

This course will address a range of theoretical writings on the cinema that were primarily produced during the 1970s and after. Except as otherwise noted, ENGL 12000 is prerequisite for all 30000- and 40000-level courses in FILM.

**FILM 32400 - Narrative Strategies**

GER

3/A

Study of narrative techniques in cinema

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**FILM 32600 - America in American Film and Video**

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**FILM 22700 - Representations of Race and Ethnicity in U.S. Media**

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
FILM 32800 - Images of Resistance in the Developing World

**Pluralism and Diversity**

**PD/A**

**GER**

**3/A**

Focuses on challenges by developing world films and filmmakers to Western media stereotypes.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILM 10100*

4 hrs

3 cr.

FILM 33200 - Myths and Images in the Media

**GER**

**3/A**

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILM 10100*

3 hrs

3 cr.

FILM 33400 - Theatricality and the Presentation of Self

**GER**

**3/A**

Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILM 10100 and any 200-level FILM course*

4 hrs

3 cr.

FILM 39100 - Problems in Film Research

**GER**

**3/A**

Study of basic methods of solving problems in the field of cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-
level courses in FILM.

**FILM 39900 - Studies in Film**

**GER**

3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester.

Exception as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-
level courses in FILM.

**prereq:** variable

3 hrs

3 cr.

**FILM 40100 - Independent Research**

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis.

Exception as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-
level courses in FILM.

**prereq:** perm chair

1-3 cr.

**FILM 40200 - Honors Project**

Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision.

Exception as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-
level courses in FILM.

**prereq:** 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.

3 hrs

3 cr.

**FILM 49900 - Advanced Seminar**

Selected topics in cinema studies.

Exception as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-
level courses in FILM.

**prereq:** perm instr.

4 hrs

3 cr.

These courses may be counted for credit in more than one program.

**B) Film Production Electives:**
A second course from the advanced production cluster may be taken as an elective course

**FILMP 37100 - Screen Directing I**

Theory and practice of the film director's role as guiding force in creation of visual and aural images.

Except as otherwise noted, ENGL 120 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILMP 251, FILMP 276; open to film/media majors only or perm instr.*

4 hrs

3 cr.

**FILPL 37700 - Screen Writing II The Feature (W)**

Continuation of workshop experience with emphasis on full-length screenplay.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILMP 27600*

4 hrs

3 cr.

or

**FILMP 28600 - Location Sound**

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.

*cross-listed MEDP 28600*

*prereq: FILMP 25100 or MEDP 28100*

3 hrs

3 cr.

**FILMP 34100 - Producing the Film**

Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

*prereq: FILMP 25100, FILMP 27600*

3 hrs

3 cr.

**FILMP 37200 - Screen Directing II**

Continuation of FILMP 37100.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILMP 37100 or permission of instructor
4 hrs
3 cr.

FILMP 38100 - Techniques of Cinematography

Advanced cinematographic techniques such as sensitometry, effects lighting and special effects.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILMP 35200 or permission of instructor
4 hrs
3 cr.

FILMP 38200 - Narrative Editing

Narrative editing concepts, theories and techniques. Editing exercises explore the aesthetic and practical components of the craft and introduce advanced digital editing tools.

prereq: FILMP 25100
4 hrs
3 cr.

FILMP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
3 cr.

FILMP 38400 - Film and Video Production

Production of short films with each student assigned to specific crew positions.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILMP 35200, and permission of instructor.
variable hrs
3 cr.

FILMP 39900 - Special Topics in Advanced Film Practice

Offered periodically with the specific topic listed in the schedule of classes.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: perm instr.
FILMP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision. Material Fee: $20 May be taken twice for credit. cross-listed MEDP 45100
prereq: FILMP 35200 and perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
3 hrs
3 cr.

FILMP 49800 - Internship

Opportunity to gain professional experience
40 working per. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, two other film courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.
*These courses may be counted for credit in more than one program.

Courses Required for the Major (36 credits)

30-36 credits, combined total: up to 6 introductory, 12 credits analytical, 12 credits production and 6 credits electives from analytical and/or production courses. Students must receive a grade of B or better in FILM 10100 to continue a major in film. The major must be declared in person with an undergraduate film adviser (call (212) 772-4949 to schedule). The student must bring their transcript, and, where relevant, transcripts from other colleges attended, when meeting with the undergraduate film adviser to declare a film major. Students majoring in film must also take FILMP 16000/MEDP 16000 which is prerequisite for all film production courses. A maximum of 6 credits in MEDIA courses at the 200 or 300 level may be applied toward the major in film. Students must meet any prerequisites for these courses. Independent study and internship courses do not count toward the major. Students must see a program adviser to plan choice and sequence of courses.

Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major courses and a 3.0 grade point average overall. The student must also either complete an Honors Project, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400-level production or analytical seminar course with a grade of A. See the department for more information.

FILM 40200 - Honors Project
Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
3 cr.

Analysis and Criticism Track

6 introductory credits:

- FILM 10100 3 credits
- MEDIA 18000 3 credits

18 Required Analytical Credits to be chosen from within the following categories:

(a) Film Style and Close Analysis: 6 credits

- FILM 20100: Close Film Analysis 3 credits

Plus one course from the following:

- FILM 22400: Cinematic Space
- FILM 23100: Studies of Selected Directors (may be repeated for credit under different topic) FILM 32300:
- FILM Technology and Aesthetic Theory (may be repeated for credit under different topic)
- FILM 323.51: Aesthetics of Film Sound
- FILM 32400: Narrative Strategies
- FILM 33300: Styles and Theories of Film Acting FILM 33400: Theatricality and the Presentation of Self

b) History: 6 credits, one 200-level and one 300-level required

- FILM 21100: Film History I
- FILM 21200 Film History II
- FILM 21300: National Cinema (may be repeated for credit under different subject)
- FILM 39700: Topics in Film History (may be repeated for credit under different subject)

c) Genre, Theory and Forms of Representation: 6 credits

- All FILM courses cross-listed as MEDIA will fulfill the media analytical requirement if taken under the MEDIA number.
- FILM 21400: Multicultural Perspectives in Cinema (may be repeated for credit under different subject)
- FILM 21500: Women and Film FILM 22200: Topics in Genre Studies (may be repeated for credit under a different topic)
- FILM 222.52: Topics in Genre Studies: The Woman's Film of the 1940s
- FILM22300/MEDIA 29600: Topics in LGBTQ Film and Media
- FILM 23200: Experimental Film and Video
- FILM23300/MEDIA 23300: Movies in American Culture
- FILM31500/MEDIA 31500: Non-Fiction Film and Video
- FILM 32200: Contemporary Film Theory
• FILM32600/MEDIA 32600: America in American Film and Video
• FILM32800/MEDIA 32800: Images of Resistance in the Developing World
• FILM32700/MEDIA 32700: Representations of Race and Ethnicity in U.S. Media

Special Topics, Honors, and Advanced Studies (optional electives)

• FILM 29900: Special Topics in Film
• FILM 39100: Problems in Film Research
• FILM 39900: Studies in Film
• FILM 40100: Independent Research
• FILM 40200: Honors Project

FILM 49800: Internship
FILM 49900: Advanced Seminar

6 MEDIA CREDITS FROM ANY THREE MEDIA ANALYTICAL COURSES

Students should choose two media analytical courses based on their own particular interests and how they would like such courses to be integrated into their film analytical track. You may also consult with the film advisor on this matter.

6 ELECTIVE CREDITS: At least one elective credit should be a 300 level FILM analytical course.

Major 30

Sub-total 30

Electives 6

Total credits required 36

Degree Map

Degree Map for Film

Media Studies - BA

The Department of Film and Media Studies major in Media Studies combines critical media analysis with creative practice using a mix of contemporary media forms (video, animation, digital imaging and graphics, web and interactive production). Students are encouraged to develop a creative voice that is socially aware and engaged and can find expression across a range of contemporary media technologies. Leading scholars in history, aesthetics, media policy, critical theory and alternative and international practices provide students with a broad base in analytical thinking. Courses deal with subjects such as the history and aesthetics of film, video, television and new media; genre studies; the history, production and distribution of print and broadcast news; media representations of race, class and gender; and the intricate relationships among the mass media, popular culture and society. The department's production courses encourage students to work creatively in a variety of existing and emerging media forms. Courses include narrative film production (including screenwriting and directing), documentary production, television production, journalism and emerging media (including web design,
animation, physical computing and game programming). The department is distinguished by award-winning faculty who are active in their respective fields.

The major is composed of required and elective courses in media analysis and production for a total of 36 credits. The Department offers a General Media Studies Major or students may elect to major in an area of concentration. The concentrations are Media Analysis and Criticism, Documentary and Television Production, Journalism, and Emerging Media. Just as with the General Media Studies Major each concentration is 36 credits, however the curriculum has been tailored to help the student develop greater specialization in the area of concentration.

Hunter Core Requirement

Hunter Core Requirement Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCCR are:

- Courses CUNY Common Core Requirement
- MEDIA 18000 Introduction to Media Studies

Major (36 cr)

The major must be declared in with an undergraduate media studies adviser. (see department website for adviser schedules http://fm.hunter.cuny.edu/). Students will be able to do a Media Studies BA: General Media Studies Major but may choose one of the concentrations in the major. These concentrations are:

- Media Studies BA: Concentration in Media Analysis and Criticism
- Media Studies BA: Concentration in Documentary and Television Production
- Media Studies BA: Concentration in Journalism
- Media Studies BA: Concentration in Emerging Media

However, these concentrations are optional; as long as they satisfy the General Media Studies Major requirements, students may combine courses from different concentrations. Students majoring in Media Studies must take the following introductory courses. These courses count toward the major.

- MEDIA 18000
- FILMP 15000/MEDP 15000
- FILMP 16000/MEDP 16000

A maximum of 6 credits in FILM or FILMP courses at the 200- or 300-level may be applied toward the major in Media Studies. Students must meet any prerequisites for these courses. Courses in Independent Study, Honors Project,
Double Majors

Students may choose to complete a major in the Department of Film and Media Studies and a second major in another department. A student cannot declare a double major in Film and Media Studies. Because of the intensive nature of the production courses in both Film and Media Studies, it is strongly recommended that all students take no more than two production courses per semester.

Honors

To qualify for departmental honors in Film or Media Studies, a student must have a 3.5 grade point average in major courses and a 3.0 grade point average overall. The student must also either complete an Honors Project FILM 40200 or MEDIA 40200, approved by the Department Policy and Curriculum Committee, with a grade of A; or a 400-level production or analytical seminar course with a grade of A. See the department for more information.

Media Studies BA: Concentration in Documentary and Television Production

This concentration is intended to give students foundational knowledge in the theory and practice of linear non-fiction video and related digital media skills. Students in this concentration will also specialize in one of three advanced areas: Documentary Production, Experimental Media Production or Studio Television Production.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Media Studies major, the course that meets CCCR is:

**MEDIA 21100 - News Literacy in a Digital Age**

**Hunter Core**

English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an
independent press and the evolution of the press as a watchdog and guardian of
democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

Courses Required for the Major (36 credits)

A. Introductory Courses (9 cr.)

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of
media organizations.
3 hrs
3 cr.

MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and
2-D digital imaging and production in a lecture/lab format.

cross-listed FILMP 15000
prereq or coreq: MEDIA 18000, FILM 10100
4 hrs
3 cr.

MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and
video production in a lecture/lab format. It is strongly suggested, but not
required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr.

FILMP 15000 - Media & Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the
theoretical and practical fundamentals of film, video and digital media
production.
cross-listed MEDP 15000
prereq or coreq: MEDIA 18000, FILM 10100
FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000

prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)

4 hrs
3 cr

B. Required Production Courses (9 cr.)

MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.

Material Fee: $20

prereq: MEDP/FILMP 16000

3 hrs
3 cr.

MEDPL 29000 - Developing Non-Fiction Media (W)

This class guides students through the research, writing and production planning essential for creating a non-fiction film, video or podcast.

prereq: MEDIA 18000 and MEDP 16000 or FILMP 16000

3 hrs
3 cr.

MEDP 31100 - Documentary Video Production 2

Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.

Material Fee: $20

prereq: MEDP 28100 or FILMP 35200

prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

4 hrs
3 cr.

C. Elective Production Courses (9 cr.)

These may be any regular 200- or 300-level MEDP or MEDPL courses. Any regular 200- or 300-level FILMP and FILPL courses course counts toward this requirement as well, though students may only count up to 6 credits total of FILM, FILMP or FILPL classes toward the major.
D. Required Analytical Course (3 cr.)

**MEDIA 31500 - Nonfiction Film and Video**

**GER**

3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.

MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

*prereq: MEDIA 18000*

4 hrs

3 cr.

E. Elective Analytical Courses (6 cr.)

Two regular analytical courses may be chosen from any analytical offering, however it is strongly recommended that students consider analytical courses in relation to their area of production.

**Degree Map for Media Studies: Documentary Production**

**Media Studies BA: Concentration in Emerging Media**

The Emerging Media concentration gives students foundational knowledge in the theory and practice of digital media as a creative and investigative form of production. Students in this concentration may elect to specialize in various areas of production including Web Production, Interactive Media Production and 3D Imaging Production or may elect a broad curriculum of study from the Emerging Media courses. The curriculum interweaves technical instruction with aesthetic, communicative and cultural production and research to help a student establish a cohesive portfolio in new media.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core...
Requirement can be found here: General Education - Effective Fall 2019. In the case of the Emerging Media Concentration, the course that meets CCCR is:

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

**Courses Required for the Major (36 credits)**

**A. Introductory Courses (9 cr.)**

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

**MEDP 15000 - Media and Film in a Digital Age Pt. 1**

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

*cross-listed* FILMP 15000
*prereq or coreq: MEDIA 18000, FILM 10100

4 hrs
3 cr.

**MEDP 16000 - Media and Film in a Digital Age Pt. 2**

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.

*cross-listed* FILMP 16000
*prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)

4 hrs
3 cr.
FILMP 15000 - Media & Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.

cross-listed MEDP 15000

prereq or coreq: MEDIA 18000, FILM 10100

3 cr
4 hrs

FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000

prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)

4 hrs
3 cr

B. Required Production Courses

Select 4 from the list below for 12 credits:

MEDP 23400 - Creative Code

This course explores the expressive potential of computer programming in media production and provides a theoretical framework for interdisciplinary artistic practices that use generative systems in their creation including drawing, poetry, music, and video production.

prereq: MEDP 15000

3 hrs
3 cr.

MEDP 25000 - Digital Design and Usability

This course introduces students to the fundamentals of 2D design and interaction design for digital media. The class approaches the subject from a creative and conceptual perspective. Students choose which digital production tools are most effective to address specific creative design problems.

prereq: MEDP/FILMP 15000

3 hrs.
3 cr.

MEDP 26000 - Introduction to 2D Animation
This hands-on class is an introduction to animation using 2D digital tools. Historical precursors to digital animation including experimental and animated film as well as contemporary animation will be screened. Class time will consist of screenings, in-class demonstration, production and critique.

prereq: MEDIA 18000, MEDP 15000, MEDP 16000
4 hrs.
3 cr.

MEDP 26200 - Motion Graphics

This course provides a practical introduction to the creative possibilities of producing computer-generated motion graphics. Temporal development is the core of many digital arts, which include video, digital animation, music, webcasting and new media performance. This course explores the theory and application of motion graphics that are created, processed, and then represented in time

prereq: MEDP 15000, FILMP16000/MEDP 16000, MEDP 26000
3 hrs.
3 cr.

MEDP 28100 - Documentary Video Production 1

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.
Material Fee: $20
prereq: MEDP/FILMP 16000
3 hrs
3 cr.

MEDP 28500 - Web Production I

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.

prereq: MEDP/FILMP 15000
3 hrs
3 cr.

• MEDP 31600 Experiemental Production

MEDP 33100 - Web Production II

An exploration of the production of Internet-distributed media, especially animation, sound, and video, using GIF Animation, Flash, and sound tools.

prereq: MEDP 28500
3 hrs
3 cr.

MEDP 34100 - Web Programming
Advanced programming skills for website design. Dynamic content development explored through state of the art programming languages for the creation of interactive websites. Students will create web pages that utilize the most current techniques in web development. The curriculum in this class emphasizes an integrated and creative approach to web programming, including detailed instruction and practice in the technical aspects. It is designed to give students a basic introduction to the tools and techniques used by web programmers.

prereq: MEDP 23400 and MEDP 33100
3 hrs
3 cr.

MEDP 34500 - Web Design Projects

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.

prereq: MEDP 33100 or perm instr.
3 hrs
3 cr.

MEDP 34900 - Introduction to Physical Computing

This course is intended to introduce students to programming and off-screen media. Some time will be spent producing screen based visual and interactive art, but most of our semester will be dedicated to hardware hacking and the Arduino. Theoretical readings will be assigned throughout and students are expected to respond thoughtfully in text and media.

prereq: MEDP 16000 and MEDP 23400
3 hrs
3 cr.

MEDP 35500 - Physical Computing: Interactive Installation

A hands-on course focusing on the current state of interactive media in a collaborative environment. Students will create projects integrating video, sound and text exploring design concepts and using sensors for real-time interactivity. Material Fee: $20

prereq: MEDP 15000, MEDP 16000, FILMP 16000, MEDP 23400
3 hrs
3 cr.

MEDP 36000 - 3D Animation and Modeling

This hands-on production course will examine concepts and practices that form the basis of 3D animation for video, graphic novels, filmmaking, and net based
prereq: MEDP 25000, MEDP 26000  
3 hrs.  
3 cr.

**MEDP 36500 - 3D Virtual Environments**

This course is an introduction to skills and creative approaches for the development of computer-generated 3D interactive virtual environments. Students will develop 3D virtual environments using standard 3D game design techniques and technologies. This class approaches the subject from both a technical and creative perspective. It gives students an introduction to the tools and techniques used to design 3D computer games and how those processes may be applied to create artistically focused work.

prereq: MEDP 36000  
3 hrs.  
3 cr.

**MEDP 37000 - Game Programming I**

This course serves as an introduction to game design in the Unity 3D game engine. It will also serve as an introduction to programming in C#. 2D Games will be created using sprites made in Photoshop or another image editor. 3D games will use assets created in Maya, an alternate 3D modeling tool, or basic geometry. The course will cover game design principles with a strong emphasis on learning the cycle of prototyping, playtesting, iterative design and publishing. The end goal will be to create a portfolio-ready final piece. Library research is not expected for this course. This course is focusing on the procedural thinking, aesthetic expression and critical thinking needed for game programming, therefore it will not require extensive written papers.

prereq or coreq: MEDP 15000, FILMP 16000/MEDP 16000, MEDP 23400, MEDP 25000  
3 hrs.  
3 cr.

**MEDP 37100 - Game Programming II**

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of game development tools and approaches while exploring a variety of theoretical, social, and other aspects of modern game culture. We will learn how to program controller input, create graphical output, develop environmental rules and follow debugging best practices. Throughout the course, we will look critically at large budget, experimental games and mobile games, and explore concepts like procedural rhetoric and player agency. The class will use easy-to-learn, industry standard programming environments like p5.js or Processing.

prereq or coreq: MEDP 15000, FILMP/MEDP 16000, MEDP 23400, MEDP 25000, MEDP 37000
MEDP 39900 - Special Topics in Advanced Media Production

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr.

MEDP 36200 - Information Graphics

This is a lab-based design course in which students create, develop and produce information graphics while learning information design principles. The class will introduce thinkers and artists from various fields. We will look at a mix of contemporary and historical methodologies, analyze a variety of visual design approaches and examine critical texts on data visualization. Students will be expected to learn how to use both raster and vector software packages used in graphic production. Assigned projects will incorporate techniques and ideas covered in class.
prereq: This course should be available as an option to count towards Required Production Credit within the Emerging Media concentration.
3 hrs
3 cr.

C. Elective Production Courses (6 cr.)

These may be any regular 200- or 300-level MEDP or MEDPL courses including those from the list of required courses (see B. above.) Any regular 200- or 300-level FILMP or FILPL course counts toward this requirement as well, though students may only count up to 6 credits total of FILM, FILMP or FILPL classes toward the major.

D. Elective Analytical Courses (9 cr.)

Three analytical courses may be chosen from any analytical offering; however it is strongly recommended that students consider analytical courses in relation to their area of production.

Degree Map for Media Studies: Emerging Media

Degree Map for Media Studies: Emerging Media

Media Studies BA: Concentration in Journalism
The journalism concentration offers a liberal arts approach to the study and production of multimedia news. Students will learn to gather information through observation, interviews, and research and to communicate it through clear and compelling writing enhanced by photography, video, audio, and interactive features. In addition to a toolkit for newsgathering and story production, students will learn how to be more critical news consumers and their own fact checkers through courses that offer a critical analysis of news and media.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Media Studies major, the course that meets CCCR is:

**MEDIA 18000 - Introduction to Media Studies**

**Hunter Core**

Individual & Society - Humanities (I&S H)

**GER**

2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs

3 cr.

**MEDIA 21100 - News Literacy in a Digital Age**

**Hunter Core**

English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

*prereq: ENGL 12000*

3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)

3 cr.

Courses Required for the Major (36 credits)

A. Introductory Courses (12 cr.)
MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

cross-listed FILMP 15000
prereq or coreq: MEDIA 18000, FILM 10100
4 hrs
3 cr.

MEDP 16000 - Media and Film in a Digital Age Pt. 2

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not required, that students take MEDP/FILMP 15000 before taking this class.

cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr.

MEDIA 21100 - News Literacy in a Digital Age

Hunter Core
English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

*This course may be counted for credit in more than one program.

FILMP 15000 - Media & Film in a Digital Age I
The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 15000

prereq or coreq: MEDIA 18000, FILM 10100

3 cr

4 hrs

FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000

prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)

4 hrs

3 cr

B. Required Production Courses (6 cr.)

MEDPL 20100 - Reporting and Writing I (W)

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

prereq or coreq: MEDIA 18000

3 hrs

3 cr.

MEDPL 20200 - Reporting and Writing 2(W)

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.

prereq: MEDPL 20100

3 hrs

3 cr.

C. Elective Production Courses (12 cr.)

Choose Among the courses below (12 cr.):

MEDPL 23900 - Entertainment Journalism (W)

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.

prereq: MEDPL 20100
**MEDPL 28300 - Visual Storytelling for Journalists**

This course teaches students how to report and produce visual stories, including hard news, features, formal interviews, and live shots.

*prereq: MEDPL 16000 or FILMP 16000, and MEDPL 20200
3 hrs
3 cr.*

**MEDPL 28400 - Radio Reporting and Podcasting**

This course teaches students how to report and write a variety of news stories and podcasts for a live radio newscast.

*prereq: MEDPL 20200
3 hrs
3 cr.*

**MEDPL 29400 - Magazine Writing (W)**

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.

*prereq: MEDPL 20100
3 hrs
3 cr.*

**MEDPL 29500 - Online Journalism (W)**

This class teaches students to research, pitch, report and write web based stories that include some type of data visualization as well as multimedia elements. Students will also learn how to create a video using that includes text and photos to tell a story and use social media to research news stories.

*prereq: MEDPL 20100
3 hrs
3 cr.*

**MEDPL 29600 - Feature Writing (W)**

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.

*prereq: MEDPL 20100
3 hrs
3 cr*

**MEDPL 29700 - Data Journalism: Telling Stories with Numbers**
This course covers the fundamentals of data journalism reporting and visual storytelling using emerging techniques and tools. Students will learn to work with data and basic design to uncover and illustrate news trends and tell interactive data-driven news stories.

\textit{prereq:} MEDPL 20100

\[ 3 \text{ hrs} \]
\[ 3 \text{ cr.} \]

**MEDPL 37200 - Investigative Reporting (W)**

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.

\textit{prereq:} MEDPL 20100

\[ 3 \text{ hrs} \]
\[ 3 \text{ cr.} \]

**MEDPL 37700 - Neighborhood News (W)**

An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.

\textit{prereq:} MEDIA 18000 and MEDPL 20100

\[ 3 \text{ hrs} \]
\[ 3 \text{ cr.} \]

**MEDPL 38700 - Mobile Journalism**

This course covers the fundamentals of reporting and visual storytelling on current and emerging mobile platforms using a smartphone.

\textit{prereq:} MEDPL 20200

\[ 3 \text{ hrs} \]
\[ 3 \text{ cr.} \]

**MEDPL 38800 - Studio News Production**

This course teaches students how to collectively produce and present a live newscast, \textit{Hunter News Now}, on deadline and how to create news content relevant to a Hunter College audience. Students may take this course twice for credit.

\textit{prereq or coreq:} MEDPL 28300

\[ 3 \text{ hrs} \]
\[ 3 \text{ cr.} \]

- MEDP 39903 Urban Environmental and Health Journalism

**MEDIA 37300 - Journalism as Literature**

\textbf{GER}

\[ 3/A \]
An examination of the relationships between journalism and literature, including literary journalism, the journalistic prose of major imaginative writers, and the stylistic characteristics of hard news reporting.  

**prereq:** MEDIA 18000  
**3 hrs**  
**3 cr.**

### E. Elective Analytical Courses (6 cr.)

Analytical courses may be chosen from any analytical offering; however, it is strongly recommended that students consider analytical courses in relation to their area of production.

#### Media Studies BA: Concentration in Media Analysis and Criticism

Return to Media Studies -BA

The media analysis concentration develops critical thinking in students and offers an in-depth understanding of the field of media studies. It includes the study of Media Representations.

#### Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Media Studies major, the course that meets CCC is:

**MEDIA 21100 - News Literacy in a Digital Age**

**Hunter Core**  
English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

**prereq:** ENGL 12000  
**3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)**  
**3 cr.**

#### Courses Required for the Major (36 credits)
A. Introductory Courses (9 cr.)

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)

GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

FILMP 15000 - Media & Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.
cross-listed MEDP 15000
prereq or coreq: MEDIA 18000, FILM 10100
3 cr
4 hrs

FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.
cross-listed MEDP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)
4 hrs
3 cr

B. Required Analytical Courses (18 cr):

Analytical courses in 2 categories, as outlined below. Some courses are listed in more than 1 place, but each course fulfills a requirement in just 1 category. (Students may not double count a course.)

1. Media Representations (9 credits from the following)

MEDIA 27100 - Television Culture

GER
3/A

Theoretical analysis of the production and reception of televisual texts, with close reading of particular texts.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 29853 - The Horror Film

GER
3/A

A historically informed exploration of the international horror film genre in cultural context. Includes a consideration of filmic conventions, marketing practices, and audience reception. We will explore cultural fears, and how art and industry manage to express and profit from those fears.

prereq: MEDIA 18000 or FILM 10100
3 hrs
3 cr.

MEDIA 31500 - Nonfiction Film and Video

GER
3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video.

MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

prereq: MEDIA 18000
4 hrs
3 cr.

MEDIA 32600 - America in American Film and Video

GER
3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 22700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A
A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism; and other forms of American popular culture.

**MEDIA 33200 - Myths and Images in the Media**

**GER**

3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.

*prereq: MEDIA 18000*

3 hrs

3 cr.

**MEDIA 37400 - Media, Sports, and Society**

**GER**

3/A

Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.

*prereq: MEDIA 18000*

3 hrs

3 cr.

**MEDIA 28400 - Women and Media**

**Pluralism and Diversity**

**PD/C**

**GER**

3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.

*cross-listed WGS 38400 (W)*

*prereq: MEDIA 18000*

3 hrs

3 cr.

**MEDIA 39700 - Fandom and Television**

**GER**

3/A
This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by audience fandom, to the mainstreaming of cult audience behavior for high-rated programs today. This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are kept alive by fan audiences, to the mainstreaming of cult audience behavior for high-rated programs today.

**prereq:** MEDIA 27100

3 hrs

3 cr.

**MEDIA 39800 - Complex Television Narratives (W)**

This course examines the historical emergence and characteristics of long-term arc-driven TV serials. Emphasis will be on the narrative strategies and formal features of dramatic serials, with some attention to complex comedies. This course falls under the Media Analysis and Criticism concentration of the Media major.

**prereq:** MEDIA 27100 (Television Culture, previously MEDIA 37100) or MEDIA 37100 or MEDIA 39700 (Cult Television Theory and Audiences) or Permission of instructor

3 hrs

3 cr.

**MEDIA 39900 - Advanced Topics in Media Studies**

**GER**

3/A

Taught periodically, with topic listed in Schedule of Classes.

**prereq:** MEDIA 18000, others variable

3 hrs

3 cr.

(This topics courses under the MEDIA 39900 Advanced Topics in Media Studies umbrella can fulfill the Representations Area: MEDIA 39931 Women and Television.)

**MEDIA 28000 - Radio, Television and Podcasting**

**GER**

3/A

The convergence of media, communications technologies, art, design, and culture. It is intended to familiarize students with important approaches in new media, focusing on the history of the medium and the conceptual history of interactivity in art and communication.

**prereq:** MEDIA 18000

3 hrs

3 cr.

**MEDIA 29600 - Topics in LGBTQ Film and Media**
Pluralism and Diversity
PD/C
An examination of various film and media topics as they relate to lesbian, gay, transgender and queer issues. May be repeated for credit under a different topic.

cross-listed FILM 22300
prereq: FILM 10100 -or- MEDIA 18000
4 hrs
3 cr.

2. Media Industries, and Politics (9 credits from the following)

MEDIA 26000 - Internet and Society
GER
3/A
The Impact of the Internet on American and global society.

prereq: MEDIA 18000 or permission of instr.
3 hrs
3 cr.

MEDIA 36500 - Digital Copyright
GER
3/A
An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-to-peer trading, digital rights management, and third party liability for information service providers.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 37400 - Media, Sports, and Society
GER
3/A
Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.

prereq: MEDIA 18000
3 hrs
3 cr.
MEDIA 38300 - Popular Music and the Music Industry

GER
3/A

Exploration of social and cultural significance of popular music; history, structure, and economics of music industry. Particular emphasis on popular music from fifties to present.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39400 - Media and Law in the Digital Age

GER
3/A

This course focuses on how legislative actions and judicial decisions have affected the dissemination of ideas, information and images in American society via print, electronic transmission and new forms of emerging media. Among the topics considered are libel, privacy rights, government data access, copyright, and freedom of expression in the digital age.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39600 - Global Communication

GER
3/A

This course explores international media— its history and organization and how it shapes the culture and behavior of people around the world. It considers the workings of key international media industries such as global news, film, the TV and music industries, telecommunications and the Internet. The course also addresses the impact of American media around the world and competing media industries in other countries.

MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 21100 - News Literacy in a Digital Age

Hunter Core
English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an
independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

MEDIA 38100 - Propaganda and the Mass Media

GER
3/A

Study of mass media (broadcast, film, print) as forms for propaganda.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 28000 - Radio, Television and Podcasting

GER
3/A

The convergence of media, communications technologies, art, design, and culture. It is intended to familiarize students with important approaches in new media, focusing on the history of the medium and the conceptual history of interactivity in art and communication.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 27500 - Media and Politics

GER
3/A

The impact of the electronic media on American politics.

prereq: MEDIA 18000
3 hrs
3 cr.

Degree Map for Media Analysis and Criticism

Degree Map for Media Studies: Media, Analysis & Criticism

Media Studies BA: General Media Studies Major

Return to Media Studies -BA
Hunter Core Requirement

Hunter Core Requirement Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: Hunter Core Requirement

In the case of the Media Studies major, the courses that meet CCCR are:

- Courses CUNY Common Core Requirement
- MEDIA 18000 Individual & Society

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

Courses Required for the Major (36 credits)

A. Required Introductory Courses (9 cr.)

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs
3 cr.

MEDP 15000 - Media and Film in a Digital Age Pt. 1

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.

cross-listed FILMP 15000
prereq or coreq: MEDIA 18000, FILM 10100
FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.

cross-listed MEDP 16000

prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)

4 hrs
3 cr.

B. Required Analytical Courses (9 cr.)

Students must take at least 9 credits of analytical courses. Any 200- and 300-level MEDIA courses may be used to meet this requirement. Any 200- or 300-level FILM course counts toward this requirement as well, though students may only count up to 6 credits total of FILM or FILMP or FILPL classes toward the major. MEDP, MEDPL, FILMP and FILPL courses do not count toward the analytical requirement.

C. Elective Analytical or Production Courses (18 cr.)

Students must take an additional 18 credits of analytical and/or production courses. These may be any 200- or 300-level MEDIA or MEDP or MEDPL courses. Any 200- or 300-level FILM or FILMP or FILPL course counts toward this requirement as well, though students may only count up to 6 credits total of FILM, FILMP or FILPL classes toward the major.

Degree Map for General Media Studies BA

Degree Map for Media Studies BA: General Media Studies Major

Minor in Film

Requirements for the Minor in Film

A. Required Introductory Course (3 cr.)

FILM 10100 - Introduction to Cinema

Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.

3 hrs
3 cr.

*This course may be counted for credit in more than one program.

B. Other Requirements (15 cr)

Three 200-level courses from the following (9 cr)

**FILM 20100 - Close Film Analysis**

**GER**
3/A

Close study of a selected motion picture.

*prereq: FILM 10100*

4 hrs
3 cr.

**FILM 21100 - Film History I: 1895-1945**

**Pluralism and Diversity**
PD/D
**GER**
3/A

Survey of film history and theory from the silent era to 1945.

*prereq: FILM 10100*

4 hrs
3 cr.

**FILM 21200 - Film History II: Since 1945**

**Pluralism and Diversity**
PD/D
**GER**
3/A

Survey of film history and theory from 1946 to the present.

*prereq: FILM 10100 or MEDIA 18000*

4 hrs
3 cr.

**FILM 22400 - Cinematic Space**

**GER**
3/A
Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.

prereq: FILM 10100, 20100
4 hrs
3 cr.

FILM 23100 - Studies of Selected Directors

Pluralism and Diversity
GER 3/A
Study of aesthetic and cultural implications of authorship as developed and practiced in cinema. May be repeated for credit with a different topic.

prereq: FILM 10100, 20100
4 hrs
3 cr.

FILM 21300 - National Cinema

Pluralism and Diversity
PD/D or A
GER 3/A

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.

prereq: FILM 10100
4 hrs
3 cr.

FILM 23000 - Movies in American Culture

GER 3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.

prereq: FILM 10100
4 hrs
3 cr.

FILM 21400 - Multicultural Perspectives in Cinema

Pluralism and Diversity
PD/B (214.51 only)
GER 3/A

Study of the contributions of minority groups to filmmaking, including
examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.

**FILM 21500 - Women and Film**

Pluralism and Diversity  
PD/C  
GER  
3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.

**FILM 22200 - Topics in Genre Studies**

GER  
3/A

Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.

**FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s**

Pluralism and Diversity  
PD/C  
GER  
3/A

This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.

cross-listed WGS 222.52

**FILM 23200 - Experimental Film and Video**
Pluralism and Diversity
PD/D
GER
3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.
prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).
4 hrs
3 cr.

FILM 29900 - Special Topics in Film
GER
3/A

Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.
prereq: perm dept.
1-3 hrs
1-3 cr.

FILPL 27600 - Screen Writing I - The Short (W)
The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
3 cr.

Two 300 level courses from the following (6 cr)

FILM 32200 - Contemporary Film Theory
Pluralism and Diversity
PD/D
GER
3/A

This course will address a range of theoretical writings on the cinema that were primarily produced during the 1970s and after. Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.
prereq: FILM 10100 and FILM 20100
4 hrs
3 cr.

FILM 32300 - Film Technology and Aesthetic Theory
GER
3/A
Study of the relationship between film technology and film theory. May be repeated for credit with a different topic. Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and 20100
4 hrs
3 cr.

**FILM 32351 - Aesthetics of Film Sound**

GER
3/A

Examination of the history, theory and aesthetics of the relationship between film sound and image. Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.

prereq: FILM 10100, 20100
4 hrs
3 cr.

**FILM 32400 - Narrative Strategies**

GER
3/A

Study of narrative techniques in cinema
Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and 20100 or 23100
4 hrs
3 cr.

**FILM 32600 - America in American Film and Video**

GER
3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points. Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, 21100 or 21200
3 hrs
3 cr.

**FILM 22700 - Representations of Race and Ethnicity in U.S. Media**
Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

Prereq: FILM 10100

4 hrs
3 cr.

FILM 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

Prereq: FILM 10100

4 hrs
3 cr.

FILM 33200 - Myths and Images in the Media

GER
3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

Prereq: FILM 10100

3 hrs
3 cr.

FILM 33400 - Theatricality and the Presentation of Self

GER
3/A

Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** FILM 10100 and any 200-level FILM course

4 hrs
3 cr.

**FILM 34400 - History of Cinematography**

**GER**
3/A

Survey class addressing key developments in the history and aesthetics of cinematography.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** FILM 10100 and FILM 20100

4 hrs
3 cr.

**FILM 39100 - Problems in Film Research**

**GER**
3/A

Study of basic methods of solving problems in the field of cinema studies.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** FILM 10100, 20100, 21100 or 21200

3 hrs
3 cr.

**FILM 39900 - Studies in Film**

**GER**
3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** variable

3 hrs
3 cr.

**FILPL 37700 - Screen Writing II The Feature (W)**

Continuation of workshop experience with emphasis on full-length screenplay.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

**prereq:** FILMP 27600
Minor in Journalism

Training future journalists to report the news accurately and ethically is essential to the future of the news industry. While a major or minor in journalism is not a prerequisite to work in the news industry, many news organizations do prefer to hire students that have this credential because these employers are familiar with journalism curricula. This minor offers students the opportunity to pursue an 18-credit minor in Journalism, affording them a potentially beneficial credential when seeking internships, fellowships, or jobs with news organizations. Media Studies majors may earn the Journalism minor and in that event, will be able to count MEDIA 18000 for both the major and the minor.

Courses Required for the Minor (18 credits)

Required courses - 12 credits

MEDIA 18000 - Introduction to Media Studies

**Hunter Core**

Individual & Society - Humanities (I&S H)

GER

2/C

Social, political, and economic factors that determine and shape products of media organizations.

3 hrs

3 cr.

MEDIA 21100 - News Literacy in a Digital Age

**Hunter Core**

English Comp (EC)

In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

*prereq: ENGL 12000

3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)

3 cr.

MEDPL 20100 - Reporting and Writing I (W)
An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.

*prereq or coreq: MEDIA 18000*

3 hrs
3 cr.

**MEDPL 20200 - Reporting and Writing 2(W)**

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.

*prereq: MEDPL 20100*

3 hrs
3 cr.

**Electives - 6 credits**

**MEDPL 23900 - Entertainment Journalism (W)**

Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.

*prereq: MEDPL 20100*

3 hrs
3 cr.

**MEDPL 28300 - Visual Storytelling for Journalists**

This course teaches students how to report and produce visual stories, including hard news, features, formal interviews, and live shots.

*prereq: MEDPL 16000 or FILMP 16000, and MEDPL 20200*

3 hrs
3 cr.

**MEDPL 28400 - Radio Reporting and Podcasting**

This course teaches students how to report and write a variety of news stories and podcasts for a live radio newscast.

*prereq: MEDPL 20200*

3 hrs
3 cr.

**MEDPL 29400 - Magazine Writing (W)**

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.

*prereq: MEDPL 20100*
MEDPL 29500 - Online Journalism (W)

This class teaches students to research, pitch, report and write web based stories that include some type of data visualization as well as multimedia elements. Students will also learn how to create a video using that includes text and photos to tell a story and use social media to research news stories.

**prereq:** MEDPL 20100

3 hrs

3 cr.

MEDPL 29600 - Feature Writing (W)

A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.

**prereq:** MEDPL 20100

3 hrs

3 cr

MEDPL 29700 - Data Journalism: Telling Stories with Numbers

This course covers the fundamentals of data journalism reporting and visual storytelling using emerging techniques and tools. Students will learn to work with data and basic design to uncover and illustrate news trends and tell interactive data-driven news stories.

**prereq:** MEDPL 20100

3 hrs

3 cr.

MEDIA 38600 - Media Ethics

**GER**

3/A

This course will acquaint students with important ethical principles and professional norms in the news industry and other mass media. Students will be introduced to theories that inform ethical practice, explore important journalistic and mass and social media ethical failures and emerging areas of ethical challenges.

**prereq:** MEDIA 18000

3 hrs

3 cr.

MEDIA 49800 - Internship

Opportunity to gain professional experience.

**prereq:** MEDIA 18000 and 2 other MEDIA or MEDP courses or equiv; perm
MEDPL 37200 - Investigative Reporting (W)

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.
*prereq: MEDPL 20100*
3 hrs
3 cr.

MEDPL 37700 - Neighborhood News (W)

An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.
*prereq: MEDIA 18000 and MEDPL 20100*
3 hrs
3 cr.

MEDPL 38700 - Mobile Journalism

This course covers the fundamentals of reporting and visual storytelling on current and emerging mobile platforms using a smartphone.
*prereq: MEDPL 20200*
3 hrs
3 cr.

MEDPL 38800 - Studio News Production

This course teaches students how to collectively produce and present a live newscast, *Hunter News Now*, on deadline and how to create news content relevant to a Hunter College audience. Students may take this course twice for credit.

*prereq or coreq: MEDPL 28300*
3 hrs
3 cr.

Minor in Media Studies

The Minor in Media Studies consists of five courses for a total of 15 credits. At least one 200-level course and at least one 300-level course are required. The other three courses can be at any level. Course prerequisites must be satisfied. Internships and independent studies do not count towards the minor.

FILM 10100 - Introduction to Cinema
Hunter Core
Creative Expression (CE)
Pluralism and Diversity
PD/D
GER
2/D

Fundamental concepts of film and discussion of major critical systems.
Screening of relevant films.
3 hrs
3 cr.

FILMP 15000 - Media & Film in a Digital Age I

The first part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video and digital media production.
cross-listed MEDP 15000
prereq or coreq: MEDIA 18000, FILM 10100
3 cr
4 hrs

FILMP 16000 - Media & Film in a Digital Age Pt. 2

The second part of a two-semester sequence that introduces students to the theoretical and practical fundamentals of film, video, and digital media production.
cross-listed MEDP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission of the instructor)
4 hrs
3 cr

FILM 20100 - Close Film Analysis

GER
3/A

Close study of a selected motion picture.

prereq: FILM 10100
4 hrs
3 cr.

FILM 21100 - Film History I: 1895-1945

Pluralism and Diversity
PD/D
GER
3/A

Survey of film history and theory from the silent era to 1945.
prereq: FILM 10100
FILM 21200 - Film History II: Since 1945

Pluralism and Diversity
PD/D or A
GER
3/A

Survey of film history and theory from 1946 to the present.
prereq: FILM 10100 or MEDIA 18000
4 hrs
3 cr.

FILM 21300 - National Cinema

Pluralism and Diversity
PD/D or A
GER
3/A

Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.
prereq: FILM 10100
4 hrs
3 cr.

FILM 21305 - National Cinema: Italian Cinema

Pluralism and Diversity
PD/D
GER
3/A

prereq: FILM 10100
4 hrs
3 cr.

FILM 21344 - Israeli Cinema

Pluralism and Diversity
PD/A
GER
3/A

Israeli cinema and the development of Israeli cultural identity. Designed for students of Hebrew studies and Film studies who are interested in the history of Israeli film and Israeli cultural identity as expressed in the Israeli cinema.
cross-listed HEBR 22000
prereq: FILM 10100
FILM 21351 - National Cinema: French New Wave

Pluralism and Diversity
PD/D
GER
3/A

prereq: FILM 10100
4 hrs
3 cr.

FILM 21355 - National Cinema: Asian Cinema

Pluralism and Diversity
PD/A
GER
3/A

prereq: FILM 10100
4 hrs
3 cr.

FILM 21400 - Multicultural Perspectives in Cinema

Pluralism and Diversity
PD/B (214.51 only)
GER
3/A

Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.

prereq: FILM 10100
4 hrs
3 cr.

FILM 21500 - Women and Film

Pluralism and Diversity
PD/C
GER
3/A

Films by women directors and the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.

prereq: FILM 10100
4 hrs
3 cr.
**FILM 22200 - Topics in Genre Studies**

**GER**

3/A

Critical study of generic categories such as the western, horror, comedy, film noir, melodrama, or the musical. May be repeated for credit with a different topic.

*prereq: FILM 10100*

4 hrs

3 cr.

**FILM 22252 - Topics in Genre Studies: "The Woman's Film" of the 1940s**

**Pluralism and Diversity**

PD/C

**GER**

3/A

This course focuses on "the woman's film", from the forties. Discussion of the woman's film, an umbrella term for a series of genres (melodrama, gothic film, comedies) in which the woman is the main protagonist as well as the intended spectator.

*cross-listed WGS&A 222.52*

*prereq: FILM 10100*

4 hrs

3 cr.

**FILM 22300 - Topics in LGBTQ Film and Media**

**Pluralism and Diversity**

PD/C

An examination of various film and media topics as they relate to lesbian, gay, transgender and queer issues. May be repeated for credit under a different topic.

*cross-listed MEDIA 29600*

*prereq: FILM 10100 -or- MEDIA 18000*

4 hrs

3 cr.

**FILM 22400 - Cinematic Space**

**GER**

3/A

Study of the theories and uses of cinematic space, film design, and the relationship between art direction and film narrative.

*prereq: FILM 10100, 20100*

4 hrs

3 cr.
FILM 23000 - Movies in American Culture

GER 3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.

prereq: FILM 10100
4 hrs
3 cr.

FILM 23100 - Studies of Selected Directors

Pluralism and Diversity
GER 3/A

Study of aesthetic and cultural implications of authorship as developed and practiced in cinema. May be repeated for credit with a different topic.

prereq: FILM 10100, 20100
4 hrs
3 cr.

FILM 23200 - Experimental Film and Video

Pluralism and Diversity
PD/D
GER 3/A

Historical examination of pertinent films and videos with particular emphasis on current American productions.

prereq: FILM 20100 or MEDP/FILMP 15000 (or MED/FILM 15100).
4 hrs
3 cr.

FILMP 25100 - Film Production I

Introduction to the fundamentals of filmmaking, writing, cinematography and editing.
Material Fee: $20
prereq: MEDP/FLMP 16000; open to majors only or perm instr.
4 hrs
3 cr.

FILMP 28600 - Location Sound

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.
cross-listed MEDP 28600
prereq: FILMP 25100 or MEDP 28100
3 hrs
3 cr.

FILPL 27600 - Screen Writing I - The Short (W)

The Short Fundamentals of writing for film; critiques of original student scripts.
prereq: FILM 10100 and ENGL 12000; open to film/media majors only or perm instr.
4 hrs
3 cr.

Media 23000 - Movies in American Culture

GER
3/A

Cultural processes that affect the production and reception of movies in the U.S. Interrelationships among the stylistic, thematic, technical, industrial and regulatory aspects of American moviemaking.

prereq or coreq: FILM 10100, 21100 or FILM 21200
3 hrs
3 cr.

FILM 22700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism, and other forms of American popular culture. May be repeated for credit with different topic. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr.

FILM 31500 - Nonfiction Film and Video

GER
3/A

Study of the history and theory of the nonfiction film and video, with
screenings of examples of documentary, propaganda, and direct cinema and video.
Except as otherwise noted, ENGL 12000 is pre-requisite for all 30000- and 40000-level courses in FILM.

prereq: FILM 10100
4 hrs
3 cr.

FILM 32200 - Contemporary Film Theory

Pluralism and Diversity
PD/D
GER
3/A

This course will address a range of theoretical writings on the cinema that were primarily produced during the 1970s and after.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.

prereq: FILM 10100 and FILM 20100
4 hrs
3 cr.

FILM 32300 - Film Technology and Aesthetic Theory

GER
3/A

Study of the relationship between film technology and film theory. May be repeated for credit with a different topic.
Except as otherwise noted, ENGL 12000 is pre requisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and 20100
4 hrs
3 cr.

FILM 32351 - Aesthetics of Film Sound

GER
3/A

Examination of the history, theory and aesthetics of the relationship between film sound and image.
Except as otherwise noted, ENGL 12000 is pre requisite for all 30000- and 40000-level courses in FILM.

prereq: FILM 10100, 20100
4 hrs
3 cr.

FILM 32400 - Narrative Strategies
GER
3/A

Study of narrative techniques in cinema
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100 and 20100 or 23100
4 hrs
3 cr.

FILM 32600 - America in American Film and Video

GER
3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, 21100 or 21200
3 hrs
3 cr.

FILM 32800 - Images of Resistance in the Developing World

Pluralism and Diversity
PD/A
GER
3/A

Focuses on challenges by developing world films and filmmakers to Western media stereotypes.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100
4 hrs
3 cr.

FILM 33200 - Myths and Images in the Media

GER
3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100
3 hrs
3 cr.
FILM 33300 - Styles and Theories of Film Acting

GER
3/A

Study of film acting with regard to theoretical structures and aesthetic practice. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, 20100
4 hrs
3 cr.

FILM 33400 - Theatricality and the Presentation of Self

GER
3/A

Examination of the problems of authenticity in the performing self through analysis of representations in film, TV and the everyday.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and any 200-level FILM course
4 hrs
3 cr.

FILM 34400 - History of Cinematography

GER
3/A

Survey class addressing key developments in the history and aesthetics of cinematography.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and FILM 20100
4 hrs
3 cr.

FILM 39100 - Problems in Film Research

GER
3/A

Study of basic methods of solving problems in the field of cinema studies. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, 20100, 21100 or 21200
3 hrs
3 cr.
FILM 39700 - Topics in Film History

Pluralism and Diversity
PD/D
GER
3/A

A focused examination of specific issues and moments in film history. May be taken twice for credit under a different topic.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100 and FILM 21100 or 21200 or 21300
4 hrs
3 cr.

FILMP 31100 - Directing Documentary Video Production

Exploration of the aesthetics of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: MEDP 28100; open to film/media majors only or perm instr.
4 hrs
3 cr.

FILMP 34100 - Producing the Film

Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 25100, FILMP 27600
3 hrs
3 cr.

FILMP 35200 - Film Production II

Further development of fundamental filmmaking skills: pre-production, directing, and syncsound production techniques.
Material Fee: $20

prereq: FILMP 25100, FILMP 27600 open to film/media majors only or perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
4 hrs
3 cr.

FILMP 37100 - Screen Directing I
Theory and practice of the film director's role as guiding force in creation of visual and aural images. 
Except as otherwise noted, ENGL 120 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FLMP 251, FILMP 276; open to film/media majors only or perm instr.
4 hrs
3 cr.

**FILMP 37200 - Screen Directing II**

Continuation of FILMP 37100.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILMP 37100 or permission of instructor
4 hrs
3 cr.

**FILMP 38100 - Techniques of Cinematography**

Advanced cinematographic techniques such as sensitometry, effects lighting and special effects.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILMP 35200 or permission of instructor
4 hrs
3 cr.

**FILMP 38200 - Narrative Editing**

Narrative editing concepts, theories and techniques. Editing exercises explore the aesthetic and practical components of the craft and introduce advanced digital editing tools.

prereq: FILMP 25100
4 hrs
3 cr.

**FILMP 38300 - Sound Design**

Aesthetics of sound design with practical instruction in audio post-production technology.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
3 cr.

**FILMP 38400 - Film and Video Production**

Production of short films with each student assigned to specific crew positions.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-
level courses in FILM.

prereq: FILMP 35200, and permission of instructor.
variable hrs
3 cr.

FILPL 31600 - Experimental Production

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 25100 or MEDIAP 28100 or perm. instr.
3 hrs
3 cr.

FILPL 37700 - Screen Writing II The Feature (W)

Continuation of workshop experience with emphasis on full-length screenplay.

Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILMP 27600
4 hrs
3 cr.

MEDIA 36300 - Concepts in Gaming

This analytical seminar examines gaming through the study of the history of games, the role of narrative and language in games, game structures, interaction paradigms, rule-creation, and theories of play. It familiarizes students with important approaches to games and play developed by both the art world and popular culture during the 19th and 20th centuries. Students will be encouraged to play with these approaches in their written assignments. Each week we read, discuss, and study games to explore possibilities of gaming elements within media arts, artistic practice, and performance. A game is itself a language, and it is this language we seek to understand. This course explores all kinds of games, from artists’ games to common children's games. Students examine historical and contemporary artist's projects, including dance, installation, computer games, and performance, as well as look at the game as a tool for abstraction, storytelling, and activism.

prereq: Media 18000, one other Media analytical course, or instructor permission. MEDIA 28000 recommended.
3 hrs.
3 cr.

MEDP 36200 - Information Graphics

This is a lab-based design course in which students create, develop and produce information graphics while learning information design principles. The class will introduce thinkers and artists from various fields. We will look at a mix of contemporary and historical methodologies, analyze a variety of visual design approaches and examine critical texts on data visualization. Students will be expected to learn how to use both raster and vector software packages used in
graphic production. Assigned projects will incorporate techniques and ideas covered in class.

**prereq:** This course should be available as an option to count towards Required Production Credit within the Emerging Media concentration.

3 hrs.

3 cr.

**MEDP 37000 - Game Programming I**

This course serves as an introduction to game design in the Unity 3D game engine. It will also serve as an introduction to programming in C#. 2D Games will be created using sprites made in Photoshop or another image editor. 3D games will use assets created in Maya, an alternate 3D modeling tool, or basic geometry. The course will cover game design principles with a strong emphasis on learning the cycle of prototyping, playtesting, iterative design and publishing. The end goal will be to create a portfolio-ready final piece. Library research is not expected for this course. This course is focusing on the procedural thinking, aesthetic expression and critical thinking needed for game programming, therefore it will not require extensive written papers.

**prereq or coreq:** MEDP 15000, FILMP 16000/MEDP 16000, MEDP 23400, MEDP 25000

3 hrs.

3 cr.

**MEDP 37100 - Game Programming II**

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of game development tools and approaches while exploring a variety of theoretical, social, and other aspects of modern game culture. We will learn how to program controller input, create graphical output, develop environmental rules and follow debugging best practices. Throughout the course, we will look critically at large budget, experimental games and mobile games, and explore concepts like procedural rhetoric and player agency. The class will use easy-to-learn, industry standard programming environments like p5.js or Processing.

**prereq or coreq:** MEDP 15000, FILMP/MEDP 16000, MEDP 23400, MEDP 25000, MEDP 37000

3 hrs.

3 cr.

**FILM 29900 - Special Topics in Film**

**GER**

3/A

Not offered at all times. A specific topic will be listed in Schedule of Classes for a given semester.

**prereq:** perm dept.

1-3 hrs

1-3 cr.
FILM 39900 - Studies in Film

GER
3/A

Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for a given semester.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: variable
3 hrs
3 cr.

FILM 40100 - Independent Research

Open to majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: perm chair
1-3 cr.

FILM 40200 - Honors Project

Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: 3 advanced-level courses, 3.0 GPA and 3.5 major GPA perm dept.
3 hrs
3 cr.

FILM 49800 - Internship

Opportunity to gain professional experience.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: FILM 10100, two other FILM courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

FILM 49900 - Advanced Seminar

Selected topics in cinema studies.
Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
prereq: perm instr.
4 hrs
3 cr.
FILMP 39900 - Special Topics in Advanced Film Practice

Offered periodically with the specific topic listed in the schedule of classes. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: perm instr.
4 hrs
3 cr.

FILMP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision. Material Fee: $20 May be taken twice for credit. cross-listed MEDP 45100

prereq: FILMP 35200 and perm instr.
prereq or coreq: Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.
3 hrs
3 cr.

FILMP 49800 - Internship

Opportunity to gain professional experience
40 working per. Except as otherwise noted, ENGL 12000 is prerequisite for all 300- and 400-level courses in FILM.

prereq: FILM 10100, two other film courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

MEDP 29900 - Special Topics in Media Production

Taught periodically, with topic listed in Schedule of Classes.

prereq: MEDIA 180, others variable
3 hrs
3 cr.

MEDIA 18000 - Introduction to Media Studies

Hunter Core
Individual & Society - Humanities (I&S H)
GER
2/C

Social, political, and economic factors that determine and shape products of media organizations.
3 hrs
3 cr.

MEDIA 21100 - News Literacy in a Digital Age
Hunter Core
English Comp (EC)
In this writing-intensive course, students will judge the reliability and credibility of news reports through a close textual analysis of online, TV, radio, and social media stories and build on their academic writing and documentation skills. We will also study the First Amendment, the underpinnings of an independent press and the evolution of the press as a watchdog and guardian of democratic ideals.

prereq: ENGL 12000
3 hrs (3 hour lecture or 1.5 hour lecture and 1.5 hour discussion)
3 cr.

MEDIA 22700 - Representations of Race and Ethnicity in U.S. Media

Pluralism and Diversity
PD/B
GER
3/A

A historical look at changes and continuities in the social construction of a selected race or ethnicity in movies; advertising, including political campaigns; journalism; and other forms of American popular culture.

prereq: MEDIA 18000
4 hrs
3 cr.

MEDIA 26000 - Internet and Society

GER
3/A

The Impact of the Internet on American and global society.

prereq: MEDIA 18000 or permission of instr.
3 hrs
3 cr.

MEDIA 27100 - Television Culture

GER
3/A

Theoretical analysis of the production and reception of televisual texts, with close reading of particular texts.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 27500 - Media and Politics
The impact of the electronic media on American politics.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 28000 - Radio, Television and Podcasting

The convergence of media, communications technologies, art, design, and culture. It is intended to familiarize students with important approaches in new media, focusing on the history of the medium and the conceptual history of interactivity in art and communication.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 28400 - Women and Media

Pluralism and Diversity
PD/C
GER
3/A

Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and posed alternative modes of cultural representation and production.

cross-listed WGSA 38400 (W)
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 29600 - Topics in LGBTQ Film and Media

Pluralism and Diversity
PD/C

An examination of various film and media topics as they relate to lesbian, gay, transgender and queer issues. May be repeated for credit under a different topic.

cross-listed FILM 22300
prereq: FILM 10100 -or- MEDIA 18000
4 hrs
3 cr.

MEDIA 29800 - Special Topics in Media Studies
A course on film and media studies taught periodically, with topic listed in Schedule of Classes. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

**MEDIA 29853 - The Horror Film**

A historically informed exploration of the international horror film genre in cultural context. Includes a consideration of filmic conventions, marketing practices, and audience reception. We will explore cultural fears, and how art and industry manage to express and profit from those fears.

*prereq: MEDIA 18000 or FILM 10100*

4 hrs

3 cr.

**MEDIA 29900 - Special Topics in Media Studies**

Taught periodically, with topic listed in Schedule of Classes.

*prereq: MEDIA 18000, others variable*

3 hrs

3 cr.

**MEDIA 31300 - The Culture of Publicity**

An in-depth historical understanding of public relations, social image-management, and opinion engineering in the U.S. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

*prereq: MEDIA 18000*

3 hrs

3 cr.

**MEDIA 31400 - Public Relations: Theory and Practice (W)**
An examination of principal techniques and strategies in public relations, including critical analysis of its social uses. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

**MEDIA 31500 - Nonfiction Film and Video**

GER
3/A

Study of the history and theory of the nonfiction film and video, with screenings and examples of documentary, propaganda and direct cinema and video. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

**MEDIA 32600 - America in American Film and Video**

GER
3/A

Investigation of the ways that film and video have dealt with issues of American identity. This course explores how basic American myths have been mobilized to project a particular view of the nation at various historical points.

**MEDIA 32800 - Images of Resistance in the Developing World**

Pluralism and Diversity
PD/A

GER
3/A

Challenges by developing-world films and filmmakers to Western media stereotypes.

**MEDIA 33200 - Myths and Images in the Media**
GER 3/A

Study of film and media as decisive vehicles of myth, imagery and aesthetics in an advanced industrial society.

*prereq: MEDIA 18000*

3 hrs

3 cr.

MEDIA 33300 - Typecasting

GER 3/A

A history of the relationship between stereotyping as a social, cultural and psychological language and the rise of modern society. MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

*prereq: MEDIA 180 and either MEDIA 327 or MEDIA 384 or perm instr.*

3 hrs

3 cr.

MEDIA 36500 - Digital Copyright

GER 3/A

An introduction to the legal, economic and social principles at stake in the debate over copyright and digital technologies. The semester begins with an introduction to the basics of copyright law, the legal system, and legal research. Students then review some of the specifics of the digital copyright debate, including topics such as peer-to-peer trading, digital rights management, and third party liability for information service providers.

*prereq: MEDIA 18000*

3 hrs

3 cr.

MEDIA 37000 - The Press and the Public

GER 3/A

Analysis and discussion of relationship of the press to great issues of our time.

*prereq: MEDIA 18000*

3 hrs

3 cr.

MEDIA 37300 - Journalism as Literature

GER 3/A
An examination of the relationships between journalism and literature, including literary journalism, the journalistic prose of major imaginative writers, and the stylistic characteristics of hard news reporting.

\textit{prereq: MEDIA 18000}

\textit{3 hrs}

\textit{3 cr.}

**MEDIA 37400 - Media, Sports, and Society**

\textbf{GER}

\textit{3/A}

Examination of the relationship between media and sports and their impact on society. Workings of the present-day sports-television-advertising complex, textual analysis of television sports productions.

\textit{prereq: MEDIA 18000}

\textit{3 hrs}

\textit{3 cr.}

**MEDIA 37800 - Television Genres**

This course provides an overview of the array of genres that have defined and organized the television landscape across its history, considers how genre theory applies to the television industry, and examines genre-specific approaches to issues of representation.

\textit{prereq: MEDIA 27100 -or- 37100}

\textit{3 hrs}

\textit{3 cr.}

**MEDIA 38000 - History of Broadcasting**

\textbf{GER}

\textit{3/A}

Broadcasting’s roots in industrialization and influence on modern society.

\textit{prereq: MEDIA 18000}

\textit{3 hrs}

\textit{3 cr.}

**MEDIA 38100 - Propaganda and the Mass Media**

\textbf{GER}

\textit{3/A}

Study of mass media (broadcast, film, print) as forms for propaganda.

\textit{prereq: MEDIA 18000}

\textit{3 hrs}

\textit{3 cr.}
MEDIA 38300 - Popular Music and the Music Industry

GER
3/A

Exploration of social and cultural significance of popular music; history, structure, and economics of music industry. Particular emphasis on popular music from fifties to present.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 38600 - Media Ethics

GER
3/A

This course will acquaint students with important ethical principles and professional norms in the news industry and other mass media. Students will be introduced to theories that inform ethical practice, explore important journalistic and mass and social media ethical failures and emerging areas of ethical challenges.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39000 - Broadcast Journalism

GER
3/A

Broadcast Journalism is a focused study of how journalism has evolved from radio, television, cable television, and the Internet; how it is distributed on social media; the growing popularity of podcasts; and how news distribution on various platforms relates to the social, economic, and political context of American culture and society.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39100 - History of Print Journalism

GER
3/A

Development of newspapers and magazines as social force.

prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39400 - Media and Law in the Digital Age
GER
3/A

This course focuses on how legislative actions and judicial decisions have affected the dissemination of ideas, information and images in American society via print, electronic transmission and new forms of emerging media. Among the topics considered are libel, privacy rights, government data access, copyright, and freedom of expression in the digital age.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39500 - Mass Media in Developing Countries

Pluralism and Diversity
PD/A
GER
3/A

Exploration of impact of transnational corporations on developing countries and issues of cultural domination.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39600 - Global Communication

GER
3/A

This course explores international media—its history and organization and how it shapes the culture and behavior of people around the world. It considers the workings of key international media industries such as global news, film, the TV and music industries, telecommunications and the Internet. The course also addresses the impact of American media around the world and competing media industries in other countries.
MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.
prereq: MEDIA 18000
3 hrs
3 cr.

MEDIA 39700 - Fandom and Television

GER
3/A

This course explores the historical and cross-cultural development of “cult” television, from cancelled programs whose narratives are kept alive by audience fandom, to the mainstreaming of cult audience behavior for high-rated programs today. This course explores the historical and cross-cultural development of "cult" television, from cancelled programs whose narratives are
kept alive by fan audiences, to the mainstreaming of cult audience behavior for high-rated programs today.  

*prereq:* MEDIA 27100  
3 hrs  
3 cr.

**MEDIA 39800 - Complex Television Narratives (W)**

This course examines the historical emergence and characteristics of long-term arc-driven TV serials. Emphasis will be on the narrative strategies and formal features of dramatic serials, with some attention to complex comedies. This course falls under the Media Analysis and Criticism concentration of the Media major.  

*prereq: MEDIA 27100 (Television Culture, previously MEDIA 37100) or MEDIA 37100 or MEDIA 39700 (Cult Television Theory and Audiences) or Permission of instructor*  
3 hrs  
3 cr.

**MEDIA 39900 - Advanced Topics in Media Studies**

**GER**:  
3/A  

Taught periodically, with topic listed in Schedule of Classes.  

*prereq: MEDIA 18000, others variable*  
3 hrs  
3 cr.

**MEDIA 49900 - Advanced Seminar**

Readings, discussion, and papers on significant problems in fields of media studies.  

*prereq: perm instr.*  
3 hrs  
3 cr.

**MEDP 15000 - Media and Film in a Digital Age Pt. 1**

Introduction to the theoretical and practical fundamentals of visual design and 2-D digital imaging and production in a lecture/lab format.  

*cross-listed* FILMP 15000  

*prereq or coreq: MEDIA 18000, FILM 10100*  
4 hrs  
3 cr.

**MEDP 16000 - Media and Film in a Digital Age Pt. 2**

Introduces students to the theoretical and practical fundamentals of film and video production in a lecture/lab format. It is strongly suggested, but not
required, that students take MEDP/FILMP 15000 before taking this class.
cross-listed FILMP 16000
prereq: MEDIA 18000 or FILM 10100 (or permission from instructor)
4 hrs
3 cr.

MEDP 23400 - Creative Code

This course explores the expressive potential of computer programming in
media production and provides a theoretical framework for interdisciplinary
artistic practices that use generative systems in their creation including drawing,
poetry, music, and video production.

prereq: MEDP 15000
3 hrs
3 cr.

MEDP 25000 - Digital Design and Usability

This course introduces students to the fundamentals of 2D design and
interaction design for digital media. The class approaches the subject from a
creative and conceptual perspective. Students choose which digital production
tools are most effective to address specific creative design problems.

prereq: MEDP/FILMP 15000
3 hrs.
3 cr.

MEDP 26000 - Introduction to 2D Animation

This hands-on class is an introduction to animation using 2D digital tools.
Historical precursors to digital animation including experimental and animated
film as well as contemporary animation will be screened. Class time will
consist of screenings, in-class demonstration, production and critique.

prereq: MEDIA 18000, MEDP 15000, MEDP 16000
4 hrs.
3 cr.

MEDP 26200 - Motion Graphics

This course provides a practical introduction to the creative possibilities of
producing computer-generated motion graphics. Temporal development is the
core of many digital arts, which include video, digital animation, music, web-
casting and new media performance. This course explores the theory and
application of motion graphics that are created, processed, and then re-
presented in time
prereq: MEDP 15000, FILMP16000/MEDP 16000, MEDP 26000
3 hrs.
3 cr.
**MEDP 28100 - Documentary Video Production 1**

Students learn the camera, lighting, sound, editing and directing skills necessary to create documentary and other forms of linear non-fiction media.

Material Fee: $20

*prereq: MEDP/FILMP 16000*

3 hrs

3 cr.

**MEDP 28200 - Studio Television Production**

Elements of multi-camera studio production.

*prereq: MEDP/FILMP 15000*

*coreq: MEDP/FILMP 16000 (or MEDIA/FILM 15100)*

3 hrs

3 cr.

**MEDP 28500 - Web Production I**

An exploration of the production of Internet distributed media, primarily words and images distributed as Web pages, using HTML, CSS, and image manipulation software.

*prereq: MEDP/FILMP 15000*

3 hrs

3 cr.

**MEDP 28600 - Location Sound**

Basic sound theory and production sound recording techniques, concentrating on microphones, field mixers and recording equipment, boom operation and on-set procedures.

*cross-listed FILMP 28600*

*prereq: FILMP 25100 or MEDP 28100*

3 hrs

3 cr.

**MEDP 31000 - Advanced TV Studio Production**

An advanced multi-camera television studio workshop and a continuation of Studio Television Production.

*prereq: MEDP 28100, 28200*

3 hrs

3 cr.

**MEDP 31100 - Documentary Video Production 2**
Exploration of the aesthetics and practice of documentary form that provides students with an in-depth and hands-on understanding of preproduction and production of documentary video.

Material Fee: $20

prereq: MEDP 28100 or FILMP 35200

prereq or coreq: MEDIA 18000 is a prerequisite for all 200-, 300-, and 400-level MEDIA and MEDP courses.

4 hrs

3 cr.

MEDP 31200 - Advanced Documentary Digital Editing

The aesthetic and technical considerations in editing the documentary video using digital equipment.

Material Fee: $20

prereq: MEDP 31100 or perm instr.

4 hrs

3 cr.

MEDP 33100 - Web Production II

An exploration of the production of Internet-distributed media, especially animation, sound, and video, using GIF Animation, Flash, and sound tools.

prereq: MEDP 28500

3 hrs

3 cr.

MEDP 34100 - Web Programming

Advanced programming skills for website design. Dynamic content development explored through state of the art programming languages for the creation of interactive web sites. Students will create web pages that utilize the most current techniques in web development. The curriculum in this class emphasizes an integrated and creative approach to web programming, including detailed instruction and practice in the technical aspects. It is designed to give students a basic introduction to the tools and techniques used by web programmers.

prereq: MEDP 23400 and MEDP 33100

3 hrs

3 cr.

MEDP 34500 - Web Design Projects

A project-based class designed to give students the experience of solving practical problems in web production and to add to the advanced student's web design portfolio with a comprehensive project. Students will work independently and in teams on a large-scale collaborative project.

prereq: MEDP 33100 or perm instr.
MEDP 34900 - Introduction to Physical Computing

This course is intended to introduce students to programming and off-screen media. Some time will be spent producing screen-based visual and interactive art, but most of our semester will be dedicated to hardware hacking and the Arduino. Theoretical readings will be assigned throughout and students are expected to respond thoughtfully in text and media.

prereq: MEDP 16000 and MEDP 23400
3 hrs
3 cr.

MEDP 35500 - Physical Computing: Interactive Installation

A hands-on course focusing on the current state of interactive media in a collaborative environment. Students will create projects integrating video, sound, and text exploring design concepts and using sensors for real-time interactivity.
Material Fee: $20
prereq: MEDP 15000, MEDP 16000, FILMP 16000, MEDP 23400
3 hrs
3 cr.

MEDP 36000 - 3D Animation and Modeling

This hands-on production course will examine concepts and practices that form the basis of 3D animation for video, graphic novels, filmmaking, and net-based art.

prereq: MEDP 25000, MEDP 26000
3 hrs
3 cr.

MEDP 36500 - 3D Virtual Environments

This course is an introduction to skills and creative approaches for the development of computer-generated 3D interactive virtual environments. Students will develop 3D virtual environments using standard 3D game design techniques and technologies. This class approaches the subject from both a technical and creative perspective. It gives students an introduction to the tools and techniques used to design 3D computer games and how these processes may be applied to create artistically focused work.

prereq: MEDP 36000
3 hrs
3 cr.
MEDP 38300 - Sound Design

Aesthetics of sound design with practical instruction in audio post-production technology.

prereq: FILMP 25100 or MEDP 28100 or perm. instr.
3 hours
3 credits

MEDP 39909 - Game Design and Programming

This class is an introduction to the practical and conceptual aspects of electronic game creation. Students learn a variety of game development tools and approaches while exploring a variety of theoretical, social, and other aspects of modern game culture.

prereq: MEDP 23400 and MEDP 25000
prereq or coreq: MEDIA 36300
3 hrs
3 cr.

MEDP 45100 - Film and Video Production Seminar

Individual student films produced under faculty supervision.
May be taken twice for credit. Material fee $20
cross-listed FILMP 45100
3 hrs
3 cr.

MEDPL 20100 - Reporting and Writing I (W)

An intensive writing workshop designed to teach the basic elements of multimedia reporting and writing. It also introduces students to the ethical and legal issues confronting today's journalists.
prereq or coreq: MEDIA 18000
3 hrs
3 cr.

MEDPL 20200 - Reporting and Writing 2(W)

This course is an intensive writing workshop that introduces students to advanced multimedia reporting and writing including longer form online journalism, data visualization, broadcast style writing, podcast production and visual storytelling using a smartphone.

prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 23900 - Entertainment Journalism (W)
Development of practical, theoretical, and rhetorical skills for writing reviews and feature stories about entertainment and the arts.
prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 28300 - Visual Storytelling for Journalists

This course teaches students how to report and produce visual stories, including hard news, features, formal interviews, and live shots.
prereq: MEDPL 16000 or FILMP 16000, and MEDPL 20200
3 hrs
3 cr.

MEDPL 28400 - Radio Reporting and Podcasting

This course teaches students how to report and write a variety of news stories and podcasts for a live radio newscast.
prereq: MEDPL 20200
3 hrs
3 cr.

MEDPL 29000 - Developing Non-Fiction Media (W)

This class guides students through the research, writing and production planning essential for creating a non-fiction film, video or podcast.
prereq: MEDIA 18000 and MEDP 16000 or FILMP 16000
3 hrs
3 cr.

MEDPL 29400 - Magazine Writing (W)

This course prepares students for publishing articles in magazines, feature sections of newspapers and online Internet publications by developing writing portfolios and studying the workings of the publishing industry.
prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 29500 - Online Journalism (W)

This class teaches students to research, pitch, report and write web based stories that include some type of data visualization as well as multimedia elements. Students will also learn how to create a video using that includes text and photos to tell a story and use social media to research news stories.
prereq: MEDPL 20100
3 hrs
3 cr.

MEDPL 29600 - Feature Writing (W)
A course on advanced feature writing media taught periodically, with topic listed in Schedule of Classes.

**MEDPL 29700 - Data Journalism: Telling Stories with Numbers**

This course covers the fundamentals of data journalism reporting and visual storytelling using emerging techniques and tools. Students will learn to work with data and basic design to uncover and illustrate news trends and tell interactive data-driven news stories.

*prereq: MEDPL 20100*

3 hrs

3 cr.

**MEDPL 31600 - Experimental Production**

Experimental methods of film and video production, emphasizing innovative and non-traditional formal and conceptual practice.

*prereq: FILM 25100 or MEDP 28100 or perm. instr.*

3 hrs

3 cr.

**MEDPL 37200 - Investigative Reporting (W)**

Understanding and practicing journalism that explores significant social issues and injustices, using diverse sources developed through the enterprise of the reporter.

*prereq: MEDPL 20100*

3 hrs

3 cr.

**MEDPL 37700 - Neighborhood News (W)**

An advanced reporting and writing class that will produce an online news outlet and mobile app site covering community stories. This class may be repeated once for credit.

*prereq: MEDIA 18000 and MEDPL 20100*

3 hrs

3 cr.

**MEDPL 38700 - Mobile Journalism**

This course covers the fundamentals of reporting and visual storytelling on current and emerging mobile platforms using a smartphone.

*prereq: MEDPL 20200*

3 hrs

3 cr.
MEDPL 38800 - Studio News Production

This course teaches students how to collectively produce and present a live newscast, Hunter News Now, on deadline and how to create news content relevant to a Hunter College audience. Students may take this course twice for credit.

prereq or coreq: MEDPL 28300
3 hrs
3 cr.

MEDIA 40100 - Independent Research

Directed research or creative endeavor.
Material Fee: $20
prereq: 2 advanced level courses, perm dept.
1-6 hrs
1 cr. per hr.

MEDIA 40200 - Honors Project

Open to Jr/Sr only. Students must present a proposal for an individual project to be completed under faculty supervision. Successful completion qualifies student for departmental honors at graduation.
prereq: 3 advanced-level courses; 3.0 GPA and 3.5 major GPA; perm dept.
3 hrs
3 cr.

MEDIA 49800 - Internship

Opportunity to gain professional experience.
prereq: MEDIA 18000 and 2 other MEDIA or MEDP courses or equiv; perm dept and host institution
1-6 cr, 40 working hrs per cr.

MEDP 39900 - Special Topics in Advanced Media Production

Taught periodically, with topic listed in Schedule of Classes.
prereq: MEDIA 18000, others variable
3 hrs
3 cr.

MEDP 39800 - Advanced Topics in Media Production

This course will cover specialized advanced topics in Media Production, including film and video production, emerging media, and journalism. May be repeated under a different topic.
prereq or coreq: one 200- or 300-level MEDP course.
MEDPL 35100 - Strategic Communication and Marketing for the Arts

This course teaches the theory and practice of effective strategic communications and marketing for arts organizations, films and art and media businesses. Students learn techniques for formal and creative industry-leading techniques for maximizing exposure for a cause or brand through public relations, social media and digital media storytelling tools. The course will allow students to select an organization or film project around which they use cutting-edge tools and best practices to develop long-term media strategy, breaking news, crisis communications and brand elevation.

prereq or coreq: MEDIA 18000 or enrollment in Arts Management and Leadership Certificate program

Programs and Courses in Geography and Environmental Science

Geography and Environmental Science

Overview

The department offers majors in Geography and Environmental Studies, a five-year combined BA/MA program in Environmental Studies and Adolescent Education-Earth Science, and minors in Geography, Environmental Studies and Geology. Our programs focus on urban and social geography; globalization and international development; earth systems, environmental science, and physical geography; geographic information science and digital mapping; environmental policy and sustainability; and social studies and environmental education. In addition, students learn how to use advanced analytical skills, including quantitative, qualitative, modeling, and geospatial research methods in order to address the vital problems humanity is facing today. In addition to comprehensive classroom instruction, the department offers field trips and field courses in geography and environmental science.

A major in Geography is designed to prepare students to understand our world's changing social and natural environments in their interaction and using concepts of place, space, distance, and location. In many instances, geographers make maps to analyze differences between places and to seek explanations for those differences. Most importantly, Geography not only will broaden your knowledge of the world and how human and natural systems interact but will
also equip you with the skills needed to seek solutions to many pressing problems, from the impacts and consequences of climate change, depletion of natural resources, and pollution to poverty, inequality, geopolitical crises, migration, and insecurity. These skills include critical thinking, spatial analysis, and analytical writing. In addition to classroom learning and field trips, students learn by doing research projects together with community advocacy groups in New York City.

Geography majors are encouraged to pursue the course of study that best fits their interests while also exploring the three concentration areas that the department offers: Cities and Globalization; Digital Mapping and Geographic Information Science; and Sustainability. There is an option that prepares students for temporary certification in New York State to teach social studies at grades K-12.

The Environmental Studies major offers a common core of courses and an interdisciplinary approach that allows students to focus on environmental policy and management or earth systems science. Our major prepares students to identify and describe the components of Earth's environment and their interconnections. Our goal is to equip students with theoretical and practical tools to synthesize the body of knowledge presented in the course work and to address real world problems. We seek to accomplish this goal by fostering classroom dynamics where assumptions, methods and findings are critically evaluated. After choosing a concentration, students take advanced physical science courses for the Environmental Earth Science concentration and human geography and social science courses for the Environmental Management Policy concentration. Coursework covers subjects that include weather and climate, climate change, environmental hazards, fluid dynamics, sustainability, ecology, oceanography, conservation, urban problems and their solutions and the global impact of humans on the Earth system.

**What can I do with my degree in Geography and Environmental Studies?**

Courses in all of these fields are valuable parts of a general liberal education, developing an awareness of earth phenomena and the role these play in people's lives. Through integration of content knowledge, applied skills, and internships, our graduates are prepared for both graduate study and immediate employment in the public, private, and non-profit sectors.

Our website features stories about our former students who equally excel in academic and professional worlds. Courses for Geography and Environmental Studies majors are valuable parts of a liberal arts education, developing an awareness of how earth systems work and the role these play in people's lives. They also educate students about the challenges humanity faces in the era of global climate change, geopolitical and public health crises, growing inequality, and migration. Both majors prepare students for graduate degrees in earth and environmental science, geography, geoinformatics, and related fields. Many students successfully pursue top graduate programs and receive prestigious internships and fellowships such as those from the National Center for
Atmospheric Research (NCAR) and the National Atmospheric and Space Administration (NASA), U. S. Environmental Protection Agency and Department of Environmental Protection. Many also become professionals whose expertise in the above areas is widely used by the governments and administrations of New York City and New York State, the U.S. Bureau of the Census, and private industry; they also develop careers as geography/earth science teachers.

Programs and Courses

Programs and Courses in Geography and Environmental Science

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Administration and Faculty

Chair:

Marianna Pavlovskaya
1003F North
(212) 772-5320
mpavlov@hunter.cuny.edu

Undergraduate Geography Adviser:

Thomas B. Walter
1003A North
(212) 772-5457
twalter@hunter.cuny.edu

Environmental Studies Adviser fall 2018:

Haydee Salmun
1041 North
(212) 775-5224
hsalmun@hunter.cuny.edu

Environmental Studies Adviser spring 2019:

Frank Buonaiuto
1049 North
(212) 650-3092
fbuonaiu@hunter.cuny.edu
Environmental Studies - BA

Return to: Programs of Study

The major offers two concentrations which are organized to promote an intensive understanding of contemporary physical science, specifically earth system science as it relates to environmental issues, and an intensive understanding of a system-based approach to the dynamic nature of human-environmental interactions particularly as manifest in contemporary politics and economics. The concentrations are Environmental Earth Science and Environmental Management and Policy. It is suggested that students select a concentration as they enter the major with the understanding that the choice is not final at this stage and students can switch concentrations as they advance in the program. To aid in this process, the curriculum offers a common core of required courses, as well as sufficient overlap within the required elective courses. It is strongly recommended that students considering this major meet with the adviser to discuss their interests and program of studies as courses may be added or deleted as the college's and department's offerings change. One or more courses not listed below may be included in a student's concentration with the advice and consent of the adviser.

Hunter Core Requirement

Courses in this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Environmental Studies major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 10100</td>
<td>Life and Physical Sciences</td>
</tr>
</tbody>
</table>
Course                  CUNY Common Core Requirement
PGEOG 13000 (STEM)   Scientific World
GEOL 18000          Scientific World
GEOL 10000          Scientific World
GEOL 10500          Scientific World

(STEM) Life and Physical Sciences. Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College pre-requisites. See the Mathematics and Statistics department for details.

A) Earth System Science Track: Sub-Plan
ENV ES (59-77 credits)

Framework Courses Within the Department (13-14 credits)

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life, interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.
GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

- One 10000-level GEOL or PGEOG earth science course (3-4)

Required Math Courses (3-16 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

-or-

MATH 101EN - Algebra for College Students - Enhanced
Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

prereq: Department Permission
6 hrs
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)

This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus. Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

-or-

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

-or-

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

-and-

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and
trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

* Courses can be used for more than one program

Must choose two of the following sequences in traditional bench sciences (18-22)

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II
Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

**Pluralism and Diversity**
PD/C or D
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.
Material fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

**prereq:** BIOL 10000 or perm instr, MATH 10100 or MATH 101EN
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)

**GER**
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.

**prereq or coreq:** MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10400 (STEM) - General Chemistry II**

**Hunter Core**
Life and Physical Sciences (LPS) Scientific World (SW)

**GER**
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibriums.

Primarily for premed, medical laboratory sciences and science majors.

**prereq:** CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

**CHEM 10600 (STEM) - General Chemistry Laboratory**
**Hunter Core**
Life and Physical Sciences (LPS); Scientific World (SW)

**Pluralism and Diversity**
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.

*prereq: CHEM 10200
*coreq: CHEM 10400

6 hrs
3 cr.

**PHYS 11000 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

GER 2/E
First semester of two-semester introductory physics course using algebra.

*prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500

7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

**PHYS 12000 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)

GER 2/E
Second semester of PHYS 11000 (STEM), a two-semester introductory physics course using algebra.

*prereq: PHYS 11000 or 11100

7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

**PHYS 11100 (STEM) - General Physics: Introductory Course in Mechanics, Heat, and Sound**

Hunter Core
Scientific World (SW) Life and Physical Sciences (LPS)

GER 2/E
For physics and other science majors. First semester of a two-semester introductory physics course using calculus.

prereq or coreq: coreq (with perm dept.): MATH 15000
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

**PHYS 12100 (STEM) - General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics**

**Hunter Core**
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

Second semester of PHYS 11100 (STEM), a two-semester introductory physics course using calculus.

prereq: PHYS 11000 or 11100
prereq or coreq: (with perm dept.): MATH 15500
8 hrs (4 lec, 3 lab, 1 rec)
5.5 cr.

* Courses can be used for more than one program

**Core Environmental Studies Courses (10)**

**PGEOG 25000 - Earth System Science I (W)**

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.

prereq: ENGL 12000
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr.

**PGEOG 25100 - Earth System Science II**

GER
3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting
components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.

*prereq: PGEO 25000 or perm instr.*

4 hrs

3.5 cr.

**Capstone Experience (Select One Course):**

**GEOL 39300 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq: 2 sems of geology, perm dept.*

1-3 cr.

**PGEOG 39300 - Individual Study in Environmental Studies**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.*

1-3 cr.

**PGEOG 49000 - Honors in Environmental Studies**

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

*prereq: perm dept.*

**Sub-Plan Specific 20000- and 30000-Level Elective Requirement (15 credits)**

Students must choose at least 15 credits from the GEOL, PGEOG and GTECH offerings with at least three courses selected at the 30000 level.

Advanced courses offered by complimentary disciplines may be considered and selected as appropriate electives for the major in consultation with the Major Advisor.

Students who are completing an additional major or minor may use courses required by both majors to fulfill requirements for the Environmental Studies major.

**B) Human Dimensions of Earth Systems Track: Sub-Plan ENV MP (58-67)**
Framework Courses Within the Department (25-26 credits)

GEOG 10100 - People and Their Environment

**Hunter Core**
Individual and Society - Social Science
**GER**
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life, interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

-or-

GEOG 15000 - World Regions in Global Context

**Hunter Core**
World Cultures and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A or D
**GER**
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.

*Offered fall and spring*

- One 10000-level GEOL or PGEOG earth science course (3-4)

**GEOG 22600 - Environmental Conservation: Resource Management**

**GER**

2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

*prereq or coreq: ENGL 12000*

3 hrs

3 cr.

**GEOG 24100 - Population Geography (W)**

**Pluralism and Diversity**

PD/B or C

**GER**

3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

*prereq: GEOG 10100 or GEOG 15000 and ENGL 12000*

3 hrs

3 cr.

**GTECH 20100 - Introduction to Geographic Information Science**

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15

*prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*

6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GTECH 30100 - Quantitative Methods in Geography

Open to Jr/Sr only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.

prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr.

GTECH 36100 - GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geographically relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee: $15
prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.

Required Math Sequence (0-8 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.
MATH 101EN - Algebra for College Students - Enhanced

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

prereq: Department Permission

6 hrs

3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs

1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.

Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs

4 cr.

-or-
MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

-or-

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

* Courses can be used for more than one program

Courses Offered By Supporting Disciplines (14 credits)

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding.
Primarily for pre-med, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or
MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS) Scientific World (SW)
GER
2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory.
Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

* Courses can be used for more than one program

Core Environmental Studies Courses (10 credits)
PGEOG 25000 - Earth System Science I (W)

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.

prereq: ENGL 12000
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr.

PGEOG 25100 - Earth System Science II

GER
3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.

prereq: PGEO 25000 or perm instr.
4 hrs
3.5 cr.

Capstone Experience Select One Course:

GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sem of geography, perm dept.
1-3 cr

PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr.

PGEOG 49000 - Honors in Environmental Studies
Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

Prereq: perm dept.

Sub-Plan Specific 20000 and 30000 Level
Elective Requirement (9 credits)

Students must choose at least nine credits of advanced courses from the GEOG, GEOL, PGEOG and GTECH offerings with at least two courses selected at the 30000 level.

Advanced courses offered by complementary disciplines may be considered and selected as appropriate electives for the major in consultation with the Major Advisor.

Internships

Students can receive from one to four credits for internships in government agencies, consumer and activist groups, business and industry and media organizations involved in energy issues (e.g., Council on the Environment of NYC, Energy Task Force, NY State Assembly, Sierra Club, International Earthcare Center, NY State Department of Energy, Brooklyn Union Gas, NYC Department of Environmental Protection and the American Museum of Natural History).

Teacher Education Pathway

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.

Honors Work and Individual Study

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to

GEOG 49000 - Honors in Geography

Upper Jr/Sr geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.

Prereq: perm dept.

1 sem

3 cr.

PGEOG 49000 - Honors in Environmental Studies
Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

**prereq:** perm dept.

- and have a 3.0 cumulative GPA and a 3.5 GPA in the major.

The following courses also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

**GEOG 39100 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sem of geography, perm dept.

1-3 cr

**GEOG 39200 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sem of geography, perm dept.

1-3 cr

**GEOG 39300 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sem of geography, perm dept.

1-3 cr

**GEOL 39100 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sems of geology, perm dept.

1-3 cr

**GEOL 39200 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sems of geology, perm dept.

1-3 cr

**GEOL 39300 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.
1-3 cr.

PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr.
1-3 cr.

Fieldwork

Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Study Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

Graduate Study

Graduate-level courses may be taken for credit toward the bachelor’s degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

Intern Program
Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

**GEOG 49800 - Internship**

Open to qualified geography majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See undergraduate adviser.

*1-4 cr.*

**PGEOG 49800 - Internship in Environmental Studies**

Open to qualified environmental studies majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.

*1-4 cr.*

**Degree Map**

Degree Map for Environmental Studies

**Geography - BA**

A major in Geography is designed to prepare students to understand and respond to our world's changing social and natural environments using a range of quantitative, qualitative, and geospatial research methods. Students will study how social and natural systems interact using concepts of place, space, distance, location, and scale. They will also learn how to make (digital) maps in order to analyze and explain differences between places. Geographic knowledge and analytical skills are vital to solving the many problems our world is facing today, from consequences of climate change to geopolitical crises and migration. In addition to classroom learning, students explore urban and natural environments through our field-based classes and by doing research projects together with community advocacy groups in New York City.

Our department offers three concentration areas that Geography majors are encouraged to explore. These concentrations are: Cities and Globalization, Digital Mapping and Geographic Information Science, and Sustainability. Students are encouraged to discuss with advisors and professors in our department the course of study that best fits their interests.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses
that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019

In the case of the Geography major, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 10100</td>
<td>Individual and Society (SS)</td>
</tr>
<tr>
<td>PGEOG 13000 (STEM)</td>
<td>Scientific World -or- Life and Physical Sciences</td>
</tr>
<tr>
<td>GEOG 15000</td>
<td>World Cultures and Global Issues</td>
</tr>
<tr>
<td>GEOL 10000</td>
<td>Scientific World</td>
</tr>
<tr>
<td>GEOL 10100</td>
<td>Life and Physical Sciences</td>
</tr>
<tr>
<td>GEOL 10500</td>
<td>Scientific World</td>
</tr>
<tr>
<td>GEOL 18000</td>
<td>Scientific World</td>
</tr>
</tbody>
</table>

Requirements for the Degree Program:

Core Requirements for all Geography (13 credits)

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.
offered fall and spring.

GTECH 20100 - Introduction to Geographic Information Science
Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.
Courses Offered by Supporting Disciplines (0-8 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without
taking Hunter College pre-requisites. See the Mathematics and
Statistics department for details.

* These courses may be counted for credit in more than one program.

Additional Requirements for All Geography Majors (21-22 credits)

Note: PGEOG 13000 can count for one requirement only.

One of the following courses:

**PGEOG 14000 - Introduction to Weather, Climate and Climate Change**

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

3 hrs
3 cr.

**PGEOG 13000 (STEM) - Weather and Climate**

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

Material Fee: $5
5 hrs (3 lec, 2 lab)
4 cr.

Offered in the Fall and Spring

**GEOL 10000 - Introduction to Geology**

Hunter Core
Scientific World (SW)
GER
Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

GEOL 10500 - Introduction to Environmental Studies

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.

prereq: ENGL 12000
3 hrs.
3 cr.

GEOL 18000 - Introduction to Oceanography

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.
Offered fall and spring

-and-

One of the following courses:

-
PGEOG 14100 - Introduction to Weather, Climate and Climate Change Laboratory

A hands-on laboratory science course. PGEOG 14100 will explain how weather and climate affect people and the natural environment through hands-on laboratory and field experiences. The course explores the science of the atmosphere starting with weather and weather forecasting including severe storms such as hurricanes and tornadoes. World climates and global climate change is included. This course will serve as an introduction to atmospheric science and will prepare students for further work in geography and Earth sciences.

3 hrs (1 hour lecture, 2 hours lab)
3 cr.

PGEOG 13000 (STEM) - Weather and Climate

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B

A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. Contemporary economic, political and social patterns and problems are discussed.

3 hrs
3 cr.

offered fall and spring.

-and-

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.

prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course

Elective Courses (a minimum of 18 credits, at 200 level or higher).

Core courses cannot double count as geography major elective courses. One 3-credit independent study course may count as a 300-level elective course with the approval of the undergraduate geography advisor.

At least 18 additional credits of courses with a GEOG, PGEOG or GTECH prefix of which at least 15 credits must be at the 300-level.

Options in Social Studies Education within the Geography Major
The Department of Geography and the School of Education provide opportunities for students to prepare for a career in teaching social studies in grades 1-6 (Childhood Education) or in grades 7-12 (Adolescent Education).

- Option in Social Studies within the Geography Major for Childhood Education Teachers
- Option in Social Studies within the Geography Major for Adolescent Education Teachers

Honors Work and Individual Study

To graduate with departmental honors, a major in the geography or environmental studies program must be admitted to the following and have a 3.0 cumulative GPA and a 3.5 GPA in the major.

**GEOG 49000 - Honors in Geography**

Upper Jr/Sr geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.

*prereq: perm dept.*

1 sem

3 cr.

**PGEOG 49000 - Honors in Environmental Studies**

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

*prereq: perm dept.*

The following courses

Also offer students the opportunity of undertaking individual research in geography, geology or environmental studies.

**GEOG 39100 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq: 2 sem of geography, perm dept.*

1-3 cr

**GEOG 39200 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

*prereq: 2 sem of geography, perm dept.*

1-3 cr
GEOG 39300 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sem of geography, perm dept.
1-3 cr.

GEOL 39100 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

GEOL 39200 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: 2 sems of geology, perm dept.
1-3 cr.

PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.
1-3 cr.

PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
Fieldwork

Several courses offer students an opportunity to study geography, geology and environmental situations in the field. They are usually offered during intersession periods, summer session or on weekends (consult Schedule of Classes). In addition to the regular field courses, special-topic field courses are offered periodically and fieldwork is conducted in connection with a number of the other courses. The department participates in the Education Abroad Program. It offers a field geography of selected world regions course (check with adviser for current location). An additional fee for transportation, lodging and food allowance is attached to these courses, depending on the focus of the course and its itinerary.

Graduate Study

Graduate-level courses may be taken for credit toward the bachelor’s degree by highly qualified seniors. Written permission must be obtained from the undergraduate and graduate advisers.

Intern Program

Internship provides opportunities for qualified majors and minors in both geography and environmental studies to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental adviser for details.

GEOG 49800 - Internship

Open to qualified geography majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See undergraduate adviser.

1-4 cr.

PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.

1-4 cr.
Degree Map

Degree Map for Geography BA

Option in Social Studies within the Geography Major for Adolescent Education Teachers

Return to: Geography - BA

In cooperation with the The School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching social studies in grades 7 – 12. In addition to mandatory course work provided by the School of Education, interested students must complete the course of study outlined below. At least 18 credits of these courses or equivalents must be satisfactorily completed (grade of C or better) before the student enrolls in the social studies methods courses. Refer to the catalog section specific to programs in the The School of Education.

Transfer students who enter Hunter College with more than 90 credits or who will exceed 90 credits in completing the prerequisites for this option in the Geography major, cannot apply for the Adolescent Education program of the School of Education. They may still complete this option within the Geography major but must complete a Master of Arts degree in Adolescent Education before certification as a New York State teacher. While New York State recognizes the regular major in Geography for certification in Childhood Education, students interested in becoming certified as Social Studies-Adolescent Education teachers in New York State must complete this interdisciplinary course of study.

Prerequisites for the Major 9 credits

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.
HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

GEOG 15000 - World Regions in Global Context

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A or D
GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

Requirements for the Major 36 credits

ECO 10000 - Introduction to Economics

Hunter Core
Individual and Society (Social Sciences) -I&S SS
GER
2/B
Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings.

ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

Prereq: Math/Writing Proficient/Non degree students

3 hrs
3 cr.

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

Prereq: GEOG 10100 or GEOG 15000 and ENGL 12000

3 hrs
3 cr.

GEOG 25100 - Geography of the United States and Canada

GER
2/B

Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges.

Prereq: GEOG 10100 or GEOG 15000 or perm instr.

3 hrs
3 cr.
HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

1. Required courses (18 cr.)

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or
credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.

**ECO 10000 - Introduction to Economics**

**Hunter Core**
Individual and Society (Social Sciences) - I&S SS
GER
2/B

Introduction to the fundamental lessons of economics through the lens of supply and demand, emphasizing the use of data for inference in economic and policy settings. ECO 10000 offers an introduction to the field of economics suitable for students in any major, and serves as the gateway course into the economics major.

ECO 10000 is a prerequisite for Principles of Microeconomics (ECO 20000) and Principles of Macroeconomics (ECO 20100).

prereq: Math/Writing Proficient/Non degree students
3 hrs
3 cr.

**GEOG 24100 - Population Geography (W)**

**Pluralism and Diversity**
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

**GEOG 25100 - Geography of the United States and Canada**
GER
2/B

Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges.

prereq: GEOG 10100 or GEOG 15000 or perm instr.

3 hrs
3 cr.

HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A

GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)

GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

2. One 3-credit course in cultural anthropology (ANTHC) or Sociology (3 cr)
• One 3-credit course in cultural anthropology (ANTHC) or Sociology (SOC) selected with approval of the Geography Undergraduate Adviser.

3. Elective Courses in History (6 credits)

• Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.

4. Elective Courses in Geography (9 credits, at least 6 credits at the 300-level)

GEOG 27000 - Regional Geography of Mexico, Central America and the Caribbean

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of Mexico, Central America and West Indies.
3 hrs
3 cr.

GEOG 27100 - Regional Geography of South America

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of South America.
3 hrs
3 cr.

GEOG 27500 - Regional Geography of Sub-Saharan Africa

Pluralism and Diversity
PD/A
GER
3/B

Analysis of the relationship of natural environment to economic, social and political life of Africa south of Sahara.
3 hrs
3 cr.
GEOG 27700 - Regional Geography of East Asia

Pluralism and Diversity
PD/A
GER
3/B

Analysis of East Asia's potentials in terms of natural resources, population, industry and agriculture, with emphasis on China.
3 hrs
3 cr.

GEOG 27800 - Regional Geography of Russia and Central Asia

Pluralism and Diversity
PD/A or D
GER
3/B

Analysis of the relationship of the natural environment to economic, social and political life of Russia, the former Soviet republics of Central Asia and Mongolia.
3 hrs
3 cr.

GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

GER
3/B

Open to Jr/Sr only. The special environmental problems of urban and metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.
prereq: GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr.

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.
prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
GEOG 34200 - Geography of International Migration and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.

prereq: GEOG 24100 or perm instr.

3 hrs
3 cr.

GEOG 24700 - Cultural Geography

GER
3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

effective term 2016

prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000

3 hrs
3 cr.

GEOG 35700 - Geography of New York City and Vicinity

GER
3/B

An assessment of the role geography has played in the development and the functioning of the NYC Metropolitan Area. The region's physical site and situation, changing land use, population distribution, transportation patterns and environmental concerns. Active fieldwork required. (Alternative field assignments for students who have accessibility challenges documented with the Office of Accessability.)

Open to Jr/St only.

prereq: GEOG 10100 or GEOG 15000
Option in Social Studies within the Geography Major for Childhood Education Teachers

In cooperation with the School of Education, the Department of Geography provides opportunities for students to prepare for a career in teaching in grades 1-6. Students may choose to complete the Geography - BA, in addition to successful completion of the QUEST program. Interested students may also choose to complete the course of study outlined below. The option in Social Studies for Childhood Education is available only to students who are accepted into the QUEST program.

Students not accepted to the QUEST program, or students not eligible to apply to the QUEST program, should complete the traditional Geography major outlined above. They must complete a Master of Arts degree in Childhood Education before being certified as a New York State teacher.

Program Prerequisites (9 credits)

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil War to
the present.
Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

GEOG 15000 - World Regions in Global Context

Hunter Core
World Cultures and Global Issues (WCGI)

Pluralism and Diversity
PD/A or D
GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

Requirements for the Major (30 credits)

Required Courses (18 credits)

HIST 11100 - World History to 1500

Hunter Core
World Culture and Global Issues (WCGI)

Pluralism and Diversity
PD/A
GER
2/B

The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 11200 - World History from 1500 to the Present**

**Hunter Core**  
World Culture and Global Issues (WCGI)  
GER  
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**GEOG 24100 - Population Geography (W)**

**Pluralism and Diversity**  
PD/B or C  
GER  
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

*prereq: GEOG 10100 or GEOG 15000 and ENGL 12000*

3 hrs
3 cr.

**GEOG 25100 - Geography of the United States and Canada**

**GER**  
2/B

Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography
of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges.

prereq: GEOG 10100 or GEOG 15000 or perm instr.

3 hrs
3 cr.

POLSC 11000 - American Government: A Historical Introduction

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

Overview of the American political system from a historical perspective, with emphasis on the Constitution and its enduring influence, development of party systems and citizen participation and evolving role of Congress, presidency and courts.

Not open to students who have passed CLEP or the AP American Government exam or who have taken or received transfer credit for POLSC 11100. Please note that all versions of Introduction to American Government taken at other colleges and universities or credited by examination (e.g., CLEP, AP American Government) are the equivalent of POLSC 11100. Students cannot use credit for both POLSC 11000 and POLSC 11100 to fulfill graduation requirements or major requirements.

prereq: ENGL 12000 (or equivalent)
prereq or coreq: ENGL 12000 or its equivalent

3 hrs
3 cr.

2. Elective Courses in Geography (6 credits)

Choose any two of the following:

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
GEOG 34200 - Geography of International Migration and Ethnicity

Pluralism and Diversity
PD/B
GER
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.

prereq: GEOG 24100 or perm instr.

GEOG 24700 - Cultural Geography

GER
3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

effective term 2016

prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000

GEOG 35700 - Geography of New York City and Vicinity

GER
3/B

An assessment of the role geography has played in the development and the functioning of the NYC Metropolitan Area. The region's physical site and situation, changing land use, population distribution, transportation patterns and environmental concerns. Active fieldwork required. (Alternative field assignments for students who have accessibility challenges documented with the Office of Accessability.)

Open to Jr/St only.

prereq: GEOG 10100 or GEOG 15000
3 hrs
3 cr.
Offered fall.

3. Elective Courses in History (6 credits)

Any two 3-credit 300-level courses in history with approval of the Geography Undergraduate Adviser.

Track A: Urban and Social Geography (30 credits)

Five courses from the list below (15 credits)

- GEOG 22100 Economic Geography and Globalization
- GEOG 24100 Population Geography (W)
- GEOG 24300 Urban Geography
- GEOG 24700 Cultural Geography
- GEOG 25000 Geographic Research Methods
- GTECH 20100 Introduction to Geographic Information Science

Two courses with a GEOG 30600 course number (6 credits)

- GEOG 30600 Special Topics in Contemporary Regional Geographies

Three courses with a GEOG 30500, GEOG 38300, or GTECH 38500 course number (9 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

- GEOG 30500 Special Topics in Urban and Regional Dynamics
- GEOG 38300 Special Topics in Geography
- GTECH 38500 GIS Applications

Note:

Most GEOG 30600 courses have GEOG 15000 or permission of instructor as a prerequisite. GEOG 30500 courses have GEOG 24300 or permission of instructor as a prerequisite. GTECH 38500 courses have GTECH 20100 as a prerequisite.
Track B: Physical and Environmental Geography (30 credits)

a) The following 15 credits

- PGEOG 21200 Geography of Soils and Vegetation
- PGEOG 25000 Earth System Science I (W)
- GEOL 23100 Principles of Geomorphology
- GTECH 20100 Introduction to Geographic Information Science
- GTECH 20300 Introduction to Remote Sensing

b) Five 300-level courses with a PGEOG, GEOL, and/or GTECH prefix with advice and approval of the undergraduate advisor as appropriate to student interests and professional goals (15 credits)

Track C: Geographic Information Science (30 credits)

The following 9 credits:

GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

GTECH 20300 - Introduction to Remote Sensing

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of
environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: $15
prereq: GTECH 20100
6 hrs (2 lec, 4 lab)
4 cr.

GEOG 25000 - Geographic Research Methods

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.

prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr.

The following 15 credits:

GTECH 30100 - Quantitative Methods in Geography

Open to Jr/Sr only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.
prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr.

GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field
measurements will be made in Central Park to facilitate better understanding satellite measurements.

Material Fee: $15

prereq: GTEC 32000 or perm instr.

4 hrs (2 lec, 2 lab)

3 cr.

**GTECH 32200 - Digital Image Processing**

Course emphasizes the acquisition and nature of digital image data and the tools required to process and analyze remotely sensed data. Topics include: image preprocessing, spectral mixture analysis, image transformation, image classification and accuracy assessment, change detection, information extraction from LIDAR and radar. At least one application for each image processing method will be introduced. This is an advanced remote sensing course. The course includes lab exercises through which students will obtain hands-on experience in digital image processing. The labs include practical assignments and computer-based analysis of remotely-sensed images, and also field work to evaluate the results. The lab will use ENVI, an image processing software, together with the comprehensive data analysis tool IDL.

Material fee: $15.00

prereq: GTEC 32100, and multivariate statistics, elementary linear algebra or perm instr.

4 hrs (2 lec, 2 lab)

3 cr.

**GTECH 36100 - GIS Analysis**

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geo-spatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee: $15

prereq: GTECH 20100

4 hrs (2 lec, 2 lab)

3 cr.

**GTECH 38000 - Introduction to Cartographic Design and Geovisualization**

This course explores fundamental design concepts and considerations in map production and presentation in the context of GIS. Students will combine computer graphics and cartographic design principles to develop visual representations and analysis of geospatial information.

Material Fee: $15

prereq: GTECH 20100
4 hrs (2 lec, 2 lab)
3 cr.
- Two additional 300-level GTECH courses with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

Note:

GTECH 30100 has GTECH 20100 and STAT 11300 or STAT 21300 as prerequisites. Selected GTECH 38500 courses have GEOG or PGEOG prerequisites in addition to GTECH 20100.

Track D: Sustainability Studies (30 credits)

Five courses from the list below (15 credits):

GEOG 22100 - Economic Geography and Globalization

GER 2/B

An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
*prereq: GEOG 10100 or perm instr.*
3 hrs
3 cr.
*Offered fall and spring*

GEOG 24500 - Geography of Development

Introduction to geographic concepts, methods, and theories of development, as well as failures and challenges for development in a changing world.

*prereq: ENGL 12000, and GEOG 10100 or GEOG 15000 or
GEOG 22600 - Environmental Conservation: Resource Management

GER
2/B

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the "mechanics" of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
GTECH 20100 - Introduction to Geographic Information Science

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15
prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
6 hrs (2 lec, 4 lab)
4 cr.
Offered fall and spring

WGSL 20017 - Globalization and Gender

Globalization has been the subject of intense debate within both academic and journalistic spheres. These debates have questioned whether globalization 'works for the greater good or not.' In this course we will examine globalization critically by looking at some of the academic debates. We will examine the claim that globalization has heralded the end of the nation-state, review the implications of globalization on gender and sexuality, and consider the formation of a 'global middle class.'

prereq: WGS 10000 and ENGL 12000
3 hrs
3 cr.

The following 9 credits:

GEOG 38300 - Special Topics in Geography

GER
3/B

Open to Jr/Sr only. Topics to be announced.
prereq: GEOG 101, 200-level course of which special topic is logical outgrowth, perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr

GEOG 37000 - Geography of Sustainable Development in Developing Countries
Pluralism and Diversity
PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.

prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.

3 hrs
3 cr.

GEOG 37100 - Rural Water Supply in Developing Regions

Pluralism and Diversity
PD/A
GER
3/B

Covers concepts, methods and analysis of rural water utilization and related problems and challenges in developing countries. It will discuss water management and quality and their relationship with sanitation and hygiene education. The course will also discuss methods of providing drinking water in a sustainable manner.

prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.

3 hrs
3 cr.

- Two courses with a GEOG 30500, GEOG 30600, GEOG 38300 or GTECH 38500 course number (6 credits) with advice and approval of the undergraduate adviser as appropriate to student interests and professional goals

* Note: GEOG 38328 Environmental Ethics is the required course; no other 38300 course will be acceptable.

Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000, GEOL 10100, GEOL 10500, GEOL 18000; and
• at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100*, GEOG 22600, GEOL 28000, or GTECH 20100; and

• at least one course (minimum of 3 credits) from the 300-level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).

*PGEOG 25000 is a prerequisite for PGEOG 25100

Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEO or GTEC prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

Minor in Geology

A minor in geology consists of a minimum of 12 credits as follows:

One course selected (at least 3 credits) from

GEOL 10000 - Introduction to Geology

Hunter Core
Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

GEOL 10100 - Introductory Geology Lab
Hunter Core
Life & Physical Sciences
GER
2/E

Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.
3 hrs.
3 cr.

GEOL 10200 - Plate Tectonics and the Earth's Evolution

GER
2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.
prereq: GEOL 10100
5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

GEOL 10500 - Introduction to Environmental Studies

Hunter Core
Scientific World (SW)
GER
2/E (Non lab course)

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.
prereq: ENGL 12000
3 hrs.
3 cr.

GEOL 18000 - Introduction to Oceanography
An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

*prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students*

3 hrs

3 cr.

Offered fall and spring

and

at least one course (minimum of 3 credits) selected from

**GEOL 20500 - Environmental Geology**

*GER*  
3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.

*prereq: GEOL 10100*

3 hrs

3 cr.

**GEOL 23100 - Principles of Geomorphology**

*GER*  
2/E or 3/B
Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.

**prereq:** PGEO 13000 or GEOL 10100

4 hrs (2 lec, 2 lab)

3 cr.

**GEOL 28000 - Marine Geology**

**GER**

3/B

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.

**prereq:** GEOL 10200 or perm instr.

3 hrs

3 cr.

Fall

or other approved course, and

at least one course (minimum of 3 credits) from the following list of 300-level courses

**GEOL 33400 - Geomorphology: The Study of Beaches and Coasts**

**GER**

3/B

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip.

**prereq:** GEOL 23100 or PGEO 23100 or equiv. or perm dept.

3 hrs

3 cr.
GEOL 38000 - Advanced Oceanography: Physics of the Oceans

GER
3/B

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean. Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.

prereq: one sem CHEM or PHYS, MATH 15000 or equiv.

3 hrs
3 cr.

GEOL 38300 - Special Topics in Geology and Oceanography

GER
3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.

prereq: 200-level course of which special topic is logical outgrowth; perm instr.

1-4 hrs (lec or lec/lab)
1-3 cr.

GEOL 39300 - Individual Study in Geology

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: 2 sems of geology, perm dept.

1-3 cr.

GTECH 35100 - Field Techniques in Geography

Observation and analysis of physical geography, biogeography and geomorphology of selected areas. Field geographic techniques such as ground-truthing of remotely sensed images, the use of maps, compasses and GPS to navigate. Fee for transportation, lodging and food allowance required.

Material Fee: $300-400

prereq: GTEC 20100, any two additional geography or geology
PGEOG 36100 - Global Climatic Change

GER
3/B

Open to Jr/Sr only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth’s climate history, and modern climate change.

 prerequisite: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr.

PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.

 prerequisite: PGEO 13000 or equiv.
 prerequisite or coreq: PGEOG 13000 or equiv.
3 hrs
3 cr.

or other approved course

Other

A minimum of one lab* or field course** or other approved course with a field component is required

†PGEOG 25000 Earth System Science I (W) (while not counted toward the geology minor) is a prerequisite for PGEOG 36100.
Minors for Geography Majors

A minor course of study is no longer required at Hunter College. However, geography majors can elect to minor in any field of their choice. It is recommended, but not required, that the chosen field be related to the student's principal interest(s) in geography, and that the student consult with the Geography Undergraduate Adviser prior to selection of a minor course of study.

Minor in Geography

A minor in geography consists of a minimum of 12 credits chosen from undergraduate courses that have a GEOG, PGEOG or GTECH prefix. Prerequisites may apply. Thoughtful selection of courses may result in a minor program of study that will enhance the student's major. It is recommended that prospective geography minors consult with the geography undergraduate adviser concerning course selection.

Minor in Geology

A minor in geology consists of a minimum of 12 credits selected from courses with a GEOL prefix, or PGEOG 23100, or PGEOG 33400, or GTECH 35000. Prerequisites may apply. It is recommended that prospective geology minors consult with an undergraduate adviser from the Department of Geography.

Minor in Environmental Studies

A minor in environmental studies consists of a minimum of 12 credits as follows:

- one course selected from PGEOG 13000 (STEM), GEOL 10000, GEOL 10500, GEOL 18000; and
- at least one course (minimum of 3 credits) selected from PGEOG 25000, PGEOG 25100*, GEOG 22600, GEOL 28000, or GTECH 20100; and
- at least one course (minimum of 3 credits) from the 300-level approved electives listed in the college catalog under either the environmental studies program's Concentration A (Environmental Earth Science) or Concentration B (Environmental Management and Policy).

*PGEOG 25000 is a prerequisite for PGEOG 25100

GEOG 10100 - People and Their Environment

Hunter Core
Individual and Society - Social Science
GER
2/B
A broad overview of subjects and ideas in geography, possibly the most internally diverse of the social sciences. Covers the geographical aspects of topics including weather and climate, landforms, religions, food, cities, economics, culture, politics and much more. While students will be expected to understand the basics of each of the topics covered, the overarching emphasis will be on understanding the relationships among them. As such, the course builds from one topic to the next, ultimately stressing the sheer geographical complexity and wonder of modern life. interact with it. Contemporary economic, political and social patterns and problems are discussed.

3 hrs 3 cr. offered fall and spring.

GEOG 15000 - World Regions in Global Context

Hunter Core
World Cultures and Global Issues (WCGI)
Pluralism and Diversity
PD/A or D
GER
2/B

This course draws on and explores the concept of the geographic region as a way to organize and understand our fast-changing and interconnected world. Geographic concepts (e.g., space, place, distance, scale, borders, and regions) are used to study environmental, economic, social, and political conditions and identify key concerns in the culturally diverse world. The course will examine geographic world regions (e.g., South America, Europe, the Middle East, Sub-Saharan Africa, and others), connections in and between these regions, and how these regions and their populations interact as parts of a global system. For each world region, you will learn major historical events, specific interactions between natural environment and social systems, and their potential for and challenges to sustainable development.

prereq: ENGL 12000
3 hrs
3 cr.
Offered fall and spring

GEOG 18300 - Special Topics: Introductory Geosciences

Introductory special topics in geography, environmental geosciences, or spatial sciences.
An introduction to the sub-discipline of economic geography, which will include an exploration of the history of both economics and geography, and a rigorous global approach to the subjects. Students will come to understand the history of the development of economic thought, leading up to, and transformed, by today's crisis, as well as the particularly geographical nature of economic phenomena and processes, and the immense contributions geographers have made to the understanding of economics. Course focus is on the dominant form of global economic activity today, which is capitalistic, and the way this economic structure plays out through different geographies at different historical moments in time.

Not open to freshmen
prereq: GEOG 10100 or perm instr.
3 hrs
3 cr.
Offered fall and spring

Introduces students to environmental studies with a focus on policy and management of resources. The course will examine issues pertaining to sustaining our resource base (biodiversity, food, soil, water and energy), a review of factors influencing sustainable use, and how humans have impacted these key elements of the natural system.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

Covers topics related to environmental problems and their
connection to urban areas. The course will begin with a survey of urban systems (transport, water, food, waste and energy) followed by investigating how these systems contribute to environmental problems and their solutions. This investigation will also include a discussion about the connections between rural and urban areas and urban planning that attempts to minimize environmental hazards.

3 hrs
3 cr.

GEOG 24100 - Population Geography (W)

Pluralism and Diversity
PD/B or C
GER
3/B

Course will explore several critical issues such as the relationship between population growth and development; immigration and internal migration; how age, race and gender affect other demographic processes; and how and why these processes vary around the world. Additionally, students will examine the “mechanics” of computing population growth and change as well as different ways to visually display measures of population. Offered fall and spring.

prereq: GEOG 10100 or GEOG 15000 and ENGL 12000
3 hrs
3 cr.

GEOG 24300 - Urban Geography

GER
3/B

Open to Jr/Sr only. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

prereq: GEOG 10100 or GEOG 15000 or perm instr, Jr/Sr only
3 hrs
3 cr.

GEOG 24400 - Political Geography

GER
3/B

Political geography concerns the nature and consequences of human efforts to divide and control Earth. Major topics to be covered by this course include the origin and evolution of countries and their constituent political units; the defining and drawing of political boundaries; territorial conflicts and disputes; the impact of boundaries
on personal and cultural identity; centripetal and centrifugal forces that encourage the success or failure of political units; jurisprudence, crime and punishment; electoral geography; war, piracy and terrorism; ownership of ocean floors and outer space; the environmental impacts of political power (zoning, incorporation, height restrictions, land tenure); and symbols of power in the landscape. Lectures and assignments will stress the relevancy of political geography to issues that affect our everyday life.

*prereq: GEOG 10100 or GEOG 15000 or perm instr
3 hrs
3 cr.*

**GEOG 24500 - Geography of Development**

Introduction to geographic concepts, methods, and theories of development, as well as failures and challenges for development in a changing world.

*prereq: ENGL 12000, and GEOG 10100 or GEOG 15000 or permission of instructor
3 hrs
3 cr.*

**GEOG 24700 - Cultural Geography**

**GER**

3/B

This course provides an overview of the field of cultural geography. It will cover the basics as well as recent developments in social and cultural geographic theory. The main focus is to understand relationships between cultures and environments through geographical analyses of processes, landscapes, and identities.

*effective term 2016
prereq: ENGL 12000, and GEOG 10100 -or- GEOG 15000
3 hrs
3 cr.*

**GEOG 25000 - Geographic Research Methods**

Introduction to geographic theories and research methods, with a focus on social and cultural geographic research. Lectures, hands-on exercises, collaborative projects.

*prereq: ENGL 12000 and a 100-level GEOG, PGEOG, GTECH, or GEOL course
3 hrs
3 cr.*
GEOG 25100 - Geography of the United States and Canada

GER
2/B

Seeks to familiarize students with the regional geography of the United States and Canada. More specifically, the goals are to acquaint students with the dynamic nature of human and physical features that characterize the study area; the ways in which human and natural phenomena interact to create unique place characteristics and sub-regions; the key environmental issues that characterize the study area and its constituent parts; major trends that are affecting the geography of the two countries; and the locations of principal features. The course begins with general overview material, and then examines the various sub-regions of the study area in much greater detail, focusing on key characteristics and environmental challenges.

prereq: GEOG 10100 or GEOG 15000 or perm instr.
3 hrs
3 cr.

GEOG 27000 - Regional Geography of Mexico, Central America and the Caribbean

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of Mexico, Central America and West Indies.

3 hrs
3 cr.

GEOG 27100 - Regional Geography of South America

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of South America.

3 hrs
3 cr.

GEOG 27200 - Regional Geography of Europe

Pluralism and Diversity
PD/D
Analysis of relationship of natural environment to economic, social and political life of modern Europe.

3 hrs
3 cr.

**GEOG 27400 - Regional Geography of the Middle East and North Africa**

Pluralism and Diversity
PD/A
GER
3/B

Analysis of relationship of natural environment to economic, social and political life of Middle East and North Africa.
3 hrs
3 cr.

**GEOG 27500 - Regional Geography of Sub-Saharan Africa**

Pluralism and Diversity
PD/A
GER
3/B

Analysis of the relationship of natural environment to economic, social and political life of Africa south of Sahara.
3 hrs
3 cr.

**GEOG 27700 - Regional Geography of East Asia**

Pluralism and Diversity
PD/A
GER
3/B

Analysis of East Asia's potentials in terms of natural resources, population, industry and agriculture, with emphasis on China.
3 hrs
3 cr.

**GEOG 27800 - Regional Geography of Russia and Central Asia**
Pluralism and Diversity
PD/A or D
GER
3/B

Analysis of the relationship of the natural environment to economic, social and political life of Russia, the former Soviet republics of Central Asia and Mongolia.
3 hrs
3 cr.

GEOG 30500 - Special Topics in Urban and Regional Dynamics

Advanced topics in urban geography. Topics will vary. Open to Jr/Sr only.

prereq: GEOG 24300 Urban Geography or instructor permission
3 hrs
3 cr.

GEOG 30600 - Special Topics in Contemporary Regional Geographies

Advanced topics in contemporary regional geographies and globalization. Topics will vary. Open to Jr/Sr only.

prereq: GEOG 15000 World Regional Geography or instructor permission
3 hrs
3 cr.

GEOG 32100 - Transportation Geography

GER
3/B

A geographic study and modeling of transportation routes and their influences on the location of economic activity.
prereq: GEOG 221 or perm instr.
3 hrs
3 cr.
not offered 2011

GEOG 32800 - Urban Environmental Problems: Evaluations and Solutions

GER
3/B

Open to Jr/Sr only. The special environmental problems of urban and
metropolitan areas will be studied, including water supplies, waste management, environmental impact and waterfront use. Natural physical processes, methodologies and techniques will be reviewed and applied to decision making. Transportation fee for field work may be required.

**prereq:** GEOG 101 or GEOG 150 or URBS 101 and Jr/Sr standing
3 hrs
3 cr.

**GEOG 33500 - International Pollution Issues**

**GER**
3/B

A study of international trans-boundary pollution and the science, source terms, transport pathways and international impacts of contamination events. The regional focus will change yearly pending current global environmental events.

**prereq:** GEOG 101 or GEOL 101 or PGEO 130 or perm instr.
3 hrs
3 cr.

**GEOG 34200 - Geography of International Migration and Ethnicity**

**Pluralism and Diversity**

**PD/B**
**GER**
3/B

Quantitative and qualitative examination of historic and contemporary international migration patterns. Spatial demographic impacts of immigration policy in the United States with a focus on major urban centers. Comparative analysis of ethnic and racial minorities in the United States.

**prereq:** GEOG 24100 or perm instr.
3 hrs
3 cr.

**GEOG 34300 - Urban Geographic Theory**

**GER**
3/B

Spatial analysis of contemporary and theoretical issues concerning the economic growth, transportation, land use, social segregation and political fragmentation in metropolitan areas.

**prereq:** GEOG 34100 or equiv.
3 hrs
3 cr.
GEOG 35700 - Geography of New York City and Vicinity

GER
3/B

An assessment of the role geography has played in the development and the functioning of the NYC Metropolitan Area. The region's physical site and situation, changing land use, population distribution, transportation patterns and environmental concerns. Active fieldwork required. (Alternative field assignments for students who have accessibility challenges documented with the Office of Accessability.)

Open to Jr/Sr only.
prereq: GEOG 10100 or GEOG 15000
3 hrs
3 cr.
Offered fall.

GEOG 37000 - Geography of Sustainable Development in Developing Countries

Pluralism and Diversity
PD/A
GER
3/B

Reviews the theories and approaches of international development. Themes include development theory, availability and distribution of resources, population growth, food production, water supply and forestry. The course will also highlight the development and environmental problems that challenge the achievement of sustainable development such as population growth, food and world economic crises, increasing number of the poor and climate change. The course will provide students with theory, methods, problems and analysis of factors that influence sustainable development in developing countries.
prereq: one of the following: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm instr.
3 hrs
3 cr.

GEOG 37100 - Rural Water Supply in Developing Regions

Pluralism and Diversity
PD/A
GER
3/B

Covers concepts, methods and analysis of rural water utilization and
related problems and challenges in developing countries. It will
discuss water management and quality and their relationship with
sanitation and hygiene education. The course will also discuss
methods of providing drinking water in a sustainable manner.

prereq: GEOG 10100, 15000, 27000, 27100, 27500, 27700 or perm
instr.

3 hrs
3 cr.

GEOG 38100 - Special Topics in Geography

GER
3/B

Open to Jr/Sr only. Topics to be announced.

prereq: GEOG 101, 200-level course of which special topic is logical
outgrowth, perm instr.

1-4 hrs (lec or lec/lab)

1-3 cr

GEOG 38200 - Special Topics in Geography

GER
3/B

Open to Jr/Sr only. Topics to be announced.

prereq: GEOG 101, 200-level course of which special topic is logical
outgrowth, perm instr.

1-4 hrs (lec or lec/lab)

1-3 cr

GEOG 38300 - Special Topics in Geography

GER
3/B

Open to Jr/Sr only. Topics to be announced.

prereq: GEOG 101, 200-level course of which special topic is logical
outgrowth, perm instr.

1-4 hrs (lec or lec/lab)

1-3 cr

GEOG 39100 - Individual Study in Geography

Individual studies and readings, with lab or fieldwork where
appropriate, carried out under faculty guidance.

prereq: 2 sem of geography, perm dept.

1-3 cr

GEOG 39200 - Individual Study in Geography
Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sem of geography, perm dept.

1-3 cr

**GEOG 39300 - Individual Study in Geography**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sem of geography, perm dept.

1-3 cr

**GEOG 48000 - Capstone in Urban and Social Geography**

Individual or group research project as capstone experience in urban and social geography.

**prereq:** Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.

3 hrs

3 cr.

**GEOG 48100 - Capstone in Sustainability Studies**

Individual or group research project as capstone experience in Sustainability Studies.

**prereq:** Senior standing as a geography major, approval of undergraduate adviser, and signed project contract with faculty sponsor.

3 hrs

3 cr.

**GEOG 49000 - Honors in Geography**

Upper Jr/Sr geography majors only. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.

**prereq:** perm dept.

1 sem

3 cr.

**GEOG 49800 - Internship**

Open to qualified geography majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See undergraduate adviser.
PGEOG 14000 - Introduction to Weather, Climate and Climate Change

Offers a basic understanding of how weather systems form, why certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

3 hrs
3 cr.

PGEOG 14100 - Introduction to Weather, Climate and Climate Change Laboratory

A hands-on laboratory science course. PGEOG 14100 will explain how weather and climate affect people and the natural environment through hands-on laboratory and field experiences. The course explores the science of the atmosphere starting with weather and weather forecasting including severe storms such as hurricanes and tornadoes. World climates and global climate change is included. This course will serve as an introduction to atmospheric science and will prepare students for further work in geography and Earth sciences.

3 hrs (1 hour lecture, 2 hours lab)
3 cr.

PGEOG 48000 - Capstone in Physical Geography

Individual or group research project as capstone experience in physical and environmental geography.

prereq: Senior standing as a geography or environmental studies major, approval of undergraduate adviser, and signed project contract with faculty sponsor.

3 hrs
3 cr.

GTECH 10100 - Digital Earth

Digital Earth introduces students to the new suite of geospatial technologies and how they are being used to capture, store, process
and display the vast amount of geospatial information about our planet, a wide variety of environmental and cultural phenomena, and how this information helps us to better understand natural and cultural characteristics of the world, address world problems, and make sound decisions. Students will learn how satellites take complete photographs of the entire planet, Geographic Information Systems (GIS) display geospatial data, Global Positioning Systems (GPS) track the location of environmental and cultural phenomena, Geovisualization tools map our 3-D planet, and how these technologies are applied to solve problems in diverse fields and phenomena in the physical and social sciences in exciting ways. The knowledge and skills learned in Digital Earth open the door toward a geotechnology-oriented career.

3 hr.
3 cr.

**GTECH 20100 - Introduction to Geographic Information Science**

Introduces the means by which geographers analyze the world to better understand geography and geographical processes. It offers an introduction to various methods for interpreting and analyzing spatial data including, cartography, GIS, remote sensing, spatial statistics and survey research.

Material Fee: $15

*prereq: MATH 10100 or MATH 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500*

6 hrs (2 lec, 4 lab)
4 cr.

*Offered fall and spring*

**GTECH 20300 - Introduction to Remote Sensing**

Introduces remote sensing image interpretation and a basic understanding of the use of remote sensing technology in the study of environmental issues and the monitoring of Earth systems. The first half of the course focuses on aerial photography, photogrammetry and image interpretation. The second half focuses on the use of remote sensing in Earth system sciences. Extensive lab exercises include practical assignments and computer-based analysis of remote sensing images. Students will learn basic image interpretation and some web-based image processing skills through various lab exercises.

Material Fee: $15

*prereq: GTECH 20100*

6 hrs (2 lec, 4 lab)
4 cr.
GTECH 30100 - Quantitative Methods in Geography

Open to Jr/Sr only. Process of spatial analysis. Application of scientific methods to geographic research; sampling; distribution measurement; statistical analysis of spatial data.
prereq: GTEC 201, STAT 113 or 213 or perm instr.
3 hrs
3 cr.

GTECH 32100 - Remote Sensing of the Environment

Focuses on use of satellite images to study the environment and the physical processes involved in remote sensing to better understand the nature and properties of electromagnetic radiation and how it interacts with the atmosphere and the Earth's surface and a wide variety of satellite sensors. These sensors make measurements in the optical, thermal and microwave electromagnetic spectrums and are used to study issues related to global environmental science and natural resource management. The course includes heavy lab components which will include practical assignments, field exercises, computer-based analysis of remotely-sensed images and the use of image processing software (ENVI) to analyze satellite images. Field measurements will be made in Central Park to facilitate better understanding satellite measurements.
Material Fee:$ 15
prereq: GTEC 32000 or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.

GTECH 32200 - Digital Image Processing

Course emphasizes the acquisition and nature of digital image data and the tools required to process and analyze remotely sensed data. Topics include: image preprocessing, spectral mixture analysis, image transformation, image classification and accuracy assessment, change detection, information extraction from LIDAR and radar. At least one application for each image processing method will be introduced. This is an advanced remote sensing course. The course includes lab exercises through which students will obtain hands-on experience in digital image processing. The labs include practical assignments and computer-based analysis of remotely-sensed images, and also field work to evaluate the results. The lab will use ENVI, an image processing software, together with the comprehensive data analysis tool IDL.
Material fee: $15.00
prereq: GTEC 32100, and multivariate statistics, elementary linear algebra or perm instr.
4 hrs (2 lec, 2 lab)
3 cr.
GTECH 35000 - Field Topographic Surveying

Field use of surveying equipment. Notebook and computer data collection relating to horizontal and vertical location on the landscape, including the use of global positioning systems. Field record-keeping and preliminary analysis of results. Fee for transportation, accommodations and food allowance required.

prereq: GTEC 20100, perm instr.

90 hrs of field/lab work (1 day lab, 10 days field)

3 cr.

Offered summer intersession (check with dept. in April).

GTECH 35100 - Field Techniques in Geography

Observation and analysis of physical geography, biogeography and geomorphology of selected areas. Field geographic techniques such as ground-truthing of remotely sensed images, the use of maps, compasses and GPS to navigate. Fee for transportation, lodging and food allowance required.

Material Fee: $300-400

prereq: GTEC 20100, any two additional geography or geology courses, perm dept.

90 hrs field/lab work (3 days lab, 7 days field)

3 cr.

Offered summer intersession (check with dept. in April).

GTECH 36100 - GIS Analysis

Advanced principles and operation of GIS, including 3-D, network and field representations and their respective analysis functions. Development of geoprocessing workflows. Geographic information science approaches to geo-spatially relevant methods, including geophysical, landscape ecological, econometric, epidemiological, and regional science.

Material Fee:$ 15

prereq: GTECH 20100

4 hrs (2 lec, 2 lab)

3 cr.

GTECH 38000 - Introduction to Cartographic Design and Geovisualization

This course explores fundamental design concepts and considerations in map production and presentation in the context of GIS. Students will combine computer graphics and cartographic design principles to develop visual representations and analysis of geospatial information.

Material Fee:$ 15

prereq: GTECH 20100

4 hrs (2 lec, 2 lab)

3 cr.
GTECH 38500 - GIS Applications

Selected topics in GIS applications to human and physical geographic problems. See department for topics offered. May be repeated for credit as topics change.
Material Fee: $15
prereq: GTEC 20100 or equiv.
3 hrs
3 cr.

GTECH 48000 - Capstone in Geographic Information Science

Individual or group research project as capstone experience in geographic information science.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor.
3 hrs
3 cr.

GTECH 49000 - Honors in Geographic Information Science

Open to qualified Track C geography majors.
prereq: Senior standing, a minimum GPA of 3.5 in the major, approval of undergraduate adviser, and signed project contract with faculty sponsor
3 hrs
3 cr.

GTECH 49800 - Internship in Geographic Information Science

Open to qualified geography majors and minors. Opportunities for working in positions of responsibility in professional institutions for academic credit.
prereq: Senior standing, approval of undergraduate adviser, and signed project contract with faculty sponsor
3 hrs
3 cr.

PGEOG 13000 (STEM) - Weather and Climate

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
2/E

Offers a basic understanding of how weather systems form, why
certain regions have particular types of weather patterns, and what is known about climatic fluctuations across the globe. This includes an understanding of the basic physical principals that determine: how hot or cold a particular location is; how seasonal cycles vary in different parts of the world; and the types and amounts of precipitation. Students learn to analyze several types of weather maps and acquire a basic understanding of central issues related to global climate change, one of the most significant environmental issues of our time.

Material Fee: $5
5 hrs (3 lec, 2 lab)
4 cr.

Offered in the Fall and Spring

PGEOG 23100 - Physical Geography II: Principles of Geomorphology

See GEOL 23100

PGEOG 25000 - Earth System Science I (W)

GER
3/B

In this course students learn to think of Earth as a system of several components that interact with each other, sometimes in very complicated ways. The components of the Earth system that will be considered include the atmosphere, the hydrosphere, the lithosphere, and the biosphere. While each of these components can, and should, be studied in more detail in separate courses, here the focus is on interactions between them.

prereq: ENGL 12000
prereq or coreq: GEOL 10100 or PGEOG 13000 or GEOG 22600 or perm instr.
4 hrs
3.5 cr.

PGEOG 25100 - Earth System Science II

GER
3/B

The second part of a two-course sequence, students continue the objectives of PGEOG 25000, and learn about our planet as a system of interacting components, including the atmosphere, hydrosphere, lithosphere, and biosphere. This course focuses primarily on the biosphere, paleoclimates, and the Arctic climate system.

prereq: PGEOG 25000 or perm instr.
4 hrs
3.5 cr.

PGEOG 31100 - Introduction to Fluid Mechanics
Covers the basic principles of fluid mechanics including statics, kinematics of fluid motion, integral and differential representation of conservation of mass, linear momentum, the first Law of Thermodynamics, Bernoulli’s equation, dimensional analysis, and elementary viscous flow.  
*cross-listed* PHYS 31100  
*prereq:* PHYS 12100 or 12000 and MATH 15500 or perm instr.  
3 hrs  
3 credits

**PGEOG 31300 - Biogeography**

GER  
3/B  
Provides an understanding of the geographic distribution and temporal variability of biological diversity over the face of the Earth and the biotic and abiotic factors and processes underlying these patterns and dynamics. Completion of PGEOG 25000/25100 and GTECH 37300 prior to enrollment is strongly recommended.  

*prereq:* PGEOG 13000, GEOG 10100 or BIOL 10000/10200  
3 hrs  
3 cr.

**PGEOG 33200 - Introduction to Hydrology**

GER  
3/B  
Designed to provide the basic understanding of how water on the Earth moves, distributes, circulates and interacts with the environment. Focus will be on hydrological processes including precipitation, evapotranspiration (evaporation and transpiration), soil water, ground water, and runoff, which form the complete water cycle at global, regional and watershed scales. The course will also cover some topics on how water responds to environmental changes and strategies of integrated water resources.  

*prereq:* GEOL 10100, PGEO 13000 or perm instr.  
3 hrs  
3 cr.

**PGEOG 33400 - Coastal Geomorphology See GEOL 33400**

See GEOL 33400
PGEOG 33500 - Urban and Metropolitan Coasts

GER
3/B

A systematic study of the natural and anthropogenic processes on urban coastal environments. Special emphasis on the coastline of the NY metropolitan area, with examples from coastal cities worldwide.  
_prereq or coreq: Prereq: GEOL 10100 or GEOG 10100
3 hrs
3 cr.

PGEOG 36100 - Global Climatic Change

GER
3/B

Open to Jr/Sr only. An intensive introduction to the study of climate change with emphasis on modern climate change, anthropogenic forcing and measured and predicted consequences of this forcing. Students will develop an understanding of natural climate forcing, natural variability and feedbacks in the climate system while concurrently studying the Earth's climate history, and modern climate change.

_prereq: PGEO 13000 or GEOL 10100 or 10500
3 hrs
3 cr.

PGEOG 36300 - Environmental Hazards

GER
3/B

The course, in response to actual and potential hazards, either natural or anthropogenic in origin, will investigate the processes that link fundamental social development to environmental processes that are influenced by human activities. Natural hazards, in many cases, augment the environmental fragility of our society and the consideration of environmental hazards needs to be incorporated into management of climate variability, storms, droughts, floods, earthquakes, etc. An aim is to seek preventive measures and find solutions to act on environmental hazards on national and international levels.

_prereq: PGEO 13000 or equiv.
_prereq or coreq: PGEOG 13000 or equiv.
3 hrs
3 cr.

PGEOG 38100 - Special Topics in Environmental Studies
Open to Jr/Sr only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

PGEOG 38200 - Special Topics in Environmental Studies

Open to Jr/Sr only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

PGEOG 38300 - Special Topics in Environmental Studies

Open to Jr/Sr only. Topics to be announced.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, one course of which special topic is logical outgrowth; perm instr.
1-4 hrs (lec or lec/lab)
1-3 cr.

PGEOG 39100 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000
1-3 cr.

PGEOG 39200 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.
prereq: GEOL 10500, GEOG 22600 or PGEOG 13000, perm instr.
1-3 cr.
PGEOG 39300 - Individual Study in Environmental Studies

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

prereq: GEOL 10500, GEOG 22600 or PGEOG 13000; perm instr. 1-3 cr.

PGEOG 49000 - Honors in Environmental Studies

Open to upper Jr/Sr environmental studies majors only. Individual research to be carried out under faculty guidance. Results may be embodied in an honors essay or equivalent.

prereq: perm dept.

PGEOG 49800 - Internship in Environmental Studies

Open to qualified environmental studies majors and minors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See environmental studies faculty adviser.

1-4 cr.

GEOL 10000 - Introduction to Geology

Hunter Core
Scientific World (SW)
GER
2/E

Introduction to Geology is the study of the physical aspects of our planet. The goal of this course is to provide students with a basic understanding of the forces continuously shaping the surface of our planet and the influence they have on our environment, so that their appreciation and interest in our planet is heightened. At the same time, this course provides a strong fundamental background for students who want to pursue more advanced geological and environmental studies courses.

3 hrs (3 lec, 3 lab)
3 cr.
Offered fall and spring.

GEOL 10100 - Introductory Geology Lab

Hunter Core
Life & Physical Sciences
GER
2/E
Hands-on study of science, scientific method, scientific language and thought, regarding the earth, earth materials and the major geologic processes that continuously shape and reshape our dynamic planet surface. Guided study of minerals and rocks, geological structures, and the sequence of geologic events.

3 hrs.
3 cr.

**GEOL 10200 - Plate Tectonics and the Earth's Evolution**

**GER**
2/E

The second course in geology offered to non-geology majors. It is designed to familiarize students with the main concepts used in deciphering and interpreting earth's evolution from the spatial and temporal perspective. Topics to be covered include: geologic time; geological principles; earth materials as recorders of past geologic processes; depositional environments and sedimentary rock record; igneous and metamorphic geologic environments and their rock records; evolution of the solar system; plate tectonics and life on earth; origin of the universe; life on earth and the fossil record; Precambrian, Paleozoic, Mesozoic, and Cenozoic life, history and tectonics. Field trips may be required; transportation fee.

*prereq: GEOL 10100*

5 hrs (3 lec, 2 lab)
4 cr.
Offered fall.

**GEOL 10500 - Introduction to Environmental Studies**

**Hunter Core**
Scientific World (SW)

**GER**
2/E (Non lab course)

An introduction to environmental science focusing on aspects of global change and the interrelationships of earth systems, environmental problems and issues.

*prereq: ENGL 12000*

3 hrs.
3 cr.

**GEOL 18000 - Introduction to Oceanography**

**Hunter Core**
Scientific World (SW)

**GER**
2/E
An introduction to the subject of oceanography. We will discuss the physical, chemical, biological and geological aspects of the oceans; learn about the structure and motion of the atmosphere and how they all influence ocean circulation; and we will learn about waves, tides and tsunamis, the carbon cycle and how the ocean influences the Earth's climate system. In addition to providing a good introduction to aspects of the scientific world, it is a foundational course for Environmental Studies, Geography and BA/MA Earth Science Education majors.

prereq: Prerequisite: Math Proficient and Reading Proficient/Non degree students
3 hrs
3 cr.

Offered fall and spring

GEOL 20500 - Environmental Geology

GER
3/B

As human populations continue to grow, resource depletion and hazards will become more severe. Many decisions concerning the use of resources, such as water, soil, minerals, energy and space to live, will determine our standard of living and the quality of the environment. Scientific knowledge, combined with human values, will dictate these decisions. This course examines not only the way geological processes operate and impact society, but also how the earth system responds to human activity. The difficult problems associated with extracting enormous quantities of resources needed to sustain modern societies will be discussed. The course will also address ways humans can minimize the risks associated with hazardous earth processes. Quantitative analysis of selected topics will be introduced to provide a deeper understanding of the complexity of today's environmental issues.

prereq: GEOL 10100
3 hrs
3 cr.

GEOL 23100 - Principles of Geomorphology

GER
2/E or 3/B

Investigates the geologic forces that shape the surface of the Earth. In the laboratory students will learn to analyze features of the landscape and deduce the processes that produced them. Students will use traditional laboratories as well as Google Earth to learn about a variety of surficial processes.

prereq: PGEO 13000 or GEOL 10100
4 hrs (2 lec, 2 lab)
3 cr.
**GEOL 28000 - Marine Geology**

GER  
3/B  

Marine Geology is the study of the seafloor. This course attempts to answer the questions "what?", "where?", "when?" and more importantly "how?" in order to better understand the processes that shape the ocean basins and determine the structure and composition of the oceanic crust. The main patterns of sediment distribution in the ocean basins and how sediments preserve a record of past climatic and sea-level changes will be explored. In addition, the role of fluids in ocean sediments and the oceanic crust will be examined. The seafloor sediments will be studied with a focus on their role in marine biogeochemical cycles.  
*prereq: GEOL 10200 or perm instr.*  
3 hrs  
3 cr.  
Fall

**GEOL 33200 - Hydrology** See PGEOG 33200

See PGEOG 33200

**GEOL 33400 - Geomorphology: The Study of Beaches and Coasts**

GER  
3/B  

A study of the basic processes shaping the coast and the resulting form; surficial morphology and internal geometry of such forms as cliffs, dunes, beaches and near shore bars. Map exercise and a one-day field trip.  
*prereq: GEOL 23100 or PGEO 23100 or equiv. or perm dept.*  
3 hrs  
3 cr.

**GEOL 38000 - Advanced Oceanography: Physics of the Oceans**

GER  
3/B  

The oceans play a significant role in how the climate system responds to anthropogenic perturbations. To understand past, present and future climate, students need to know and understand the world ocean. Oceanography is multidisciplinary. It offers an opportunity to review and to apply many of the concepts taught in the major traditional disciplines of physics, chemistry, biology and mathematics. This course will offer an in-depth tour of the complex study of oceanography and an introduction to
quantitative methods in oceanography using Matlab. This science-based course requires students to learn and understand, and be willing to work with, physical and quantitative concepts. Students must be prepared to learn the basics of computer scripting/programming syntax and logic, one of the major skills to be acquired in this course.

*prereq: one sem CHEM or PHYS, MATH 15000 or equiv.*

3 hrs
3 cr.

**GEOL 38100 - Special Topics in Geology and Oceanography**

**GER**

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.

*prereq: 200-level course of which special topic is logical outgrowth; perm instr.*

1-4 hrs (lec or lec/lab)
1-3 cr.

**GEOL 38200 - Special Topics in Geology and Oceanography**

**GER**

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.

*prereq: 200-level course of which special topic is logical outgrowth; perm instr.*

1-4 hrs (lec or lec/lab)
1-3 cr.

**GEOL 38300 - Special Topics in Geology and Oceanography**

**GER**

3/B

Intensive courses in various aspects of geology or oceanography. Topics to be announced.

*prereq: 200-level course of which special topic is logical outgrowth; perm instr.*

1-4 hrs (lec or lec/lab)
1-3 cr.

**GEOL 39100 - Individual Study in Geology**
Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sems of geology, perm dept.

1-3 cr.

**GEOL 39200 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sems of geology, perm dept.

1-3 cr.

**GEOL 39300 - Individual Study in Geology**

Individual studies and readings, with lab or fieldwork where appropriate, carried out under faculty guidance.

**prereq:** 2 sems of geology, perm dept.

1-3 cr.

**GEOL 24400 - Sedimentology**

**GER**

3/B

**PGEOG 21200 - Geography of Soils and Vegetation**

**GER**

3/B

**GEOL 21100 - Field Geology of New York City and Vicinity**

**GER**

3/B

Provides you with the essential information about the geology of New York City, plate tectonics, and the philosophy and the practice of geological field work. Students will learn how to use basic field equipment and geologic and topographic maps. The first part of the course consists of field trips using public transportation to the main geologic formations of the New York metropolitan where students examine and identify rocks *in situ* and *non in situ*. Basic procedures of geologic field research are taught and students learn to identify, measure, and describe rocks, geologic structures and textures. The second part of the course will be in the laboratory to study the field material, plot information on topographic maps, correlate information and create basic geologic maps, basic geologic profiles and the synthetic geologic column of the NYC Metropolitan area.

**prereq or coreq:** Prereq: GEOL 10100 or 10200
GTECH 33100 - Spatial Data Science 1

This practical hands-on course will introduce you to some of the main programming concepts and techniques relevant to computational methods of Spatial Data Science. The Course starts with the basics of algorithms, and work through examples of reading and writing pseudocode for some general, mathematical, and spatial operations. We will then dive into the nuts and bolts of Python as a first language and learn how to translate some basic operations into running code, in the context of representing and processing geospatial data. The class will also review some of the most commonly-used open- and closed-source Python libraries for spatial programming.

prereq or coreq: GTECH 20100

GTECH 38400 - WebGIS

This course introduces the principles and practical knowledge of WebGIS and GeoWeb Services in a hands-on fashion. Students will learn to use open source software to provide basic GeoWeb Services. The web programming language of JavaScript will also be introduced in detail to develop simple WebGIS with the option of using GeoWeb Services.

prereq or coreq: GTECH 20100 Introduction to Geographic Information Science

Programs and Courses in German

German

Overview

The mission of the German Department is to teach German language, culture, and civilization in a professional, research-based manner, to help students develop a foundational knowledge of the German cultural and literary canon, to develop intercultural awareness and foster understanding between the Hunter as well as New York City communities and the German-speaking countries, and to create and propagate knowledge and understanding about German language, literature and culture and also about the teaching of German language, literature and culture locally, regionally, and nationally. The department offers courses in the language, literature, and culture of German-speaking countries that are designed and sequenced to guide students from their current language proficiency levels through
well-defined stages of proficiency in production and comprehension so that students will reach college-level literacy in German and excel in the field of German studies. Students who complete the elementary and intermediate courses can expect to reach the ability to function in everyday situations in German-speaking environments and to have a solid base for the upper-level study of German language, literature and culture. Students who complete advanced language, literature, and culture courses will gain an understanding and appreciation of German culture and civilization, past and present; they will comprehend spoken and written German to the level of understanding the classics of German prose, drama, and poetry; and will either have reached or will be well on their way towards reaching the linguistic and cultural capacity for engaging in intellectual discourse in written and spoken German.

What can I do with my degree in German?

Germany is the third-largest economy in the world, and German is the first language of over 95 million people worldwide. Students with a foundation in the language, literature, history, and intellectual revolutions of Germany are prepared to enter a wide variety of vocations. Majors continue to postgraduate study in Germany and the United States, enter law schools and other graduate programs and work in fields as diverse as environmental policy, journalism, arts management, consulting, and engineering, as well as in governmental and nongovernmental organizations and businesses. Some of our recent graduates have been hired by the Manhattan branches of the Goethe Institut and the German American Chamber of Commerce.

Programs and Courses

Programs and Courses in German

Foreign Language Requirement

- Students who begin German as a new language will fulfill the foreign language requirement by taking 12 credits in the elementary/intermediate language sequence: GERMN 10100-GERMN 10200 (or GERMN 10300), GERMN 20100-GERMN 20200 (or GERMN 20300). Students who enter with one or more years of high school German must take all the credits they need so that they can pass GERMN 20200 (or GERMN 20300). Students who enter with four years of high school German will be exempted from the foreign language requirement (see the General Education - Effective Fall 2019 section of this catalog).
Placement

Students who have some knowledge of German should consult with one of the departmental advisers or the chair for placement in a class that is appropriate for them.

Administration and Faculty

Chair:
Lisa Marie Anderson
1408 West
(212) 772-5006
lisa.anderson@hunter.cuny.edu

Department Office: Hours of operation: Monday-Friday
9:00 AM - 5 PM
1405 West
(212) 772-4980
fax: (212) 772-5746

Web site: http://www.hunter.cuny.edu/german

Faculty

German Faculty

HEGIS Code: 1103

Degree Map for German

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a German Studies major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.
Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
I/A

Required of all students unless exempt
This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

GERMN 10100 - Elementary German I

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200.
For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

• Math & Quantitative Reasoning
• Scientific World
• Individual and Society/ Social Sciences

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
_prereq: GRMN 10100 or equiv._

3 hrs
3 cr.

GERMN 24100 - German Fairy Tales in Translation (W)

_Hunter Core_
Creative Expression
_Pluralism and Diversity_

PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures. (Conducted in English) Note: No knowledge of German required.
_prereq or coreq: ENGL 12000_

3 hrs
3 cr.
*No "W" designation when offered in Winter Session*

• Individual and Society/ Humanities
• Life and Physical Sciences

Sophomore Year

Fall

GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
_prereq: GRMN 10200 or equiv._

3 hrs
3 cr.

• US Experience in its Diversity
• Elective
• Elective
• Elective
Spring

GERMN 20200 - Intermediate German II

Grammar review and composition. Reading and discussion of selected literary texts. 
prereq: GERMN 20100 or equiv.
3 hrs
3 cr.

• Elective
• Elective
• Elective
• Elective

Junior Year

Fall

• GERMN 301-498 Advanced Language, Literature, or Culture Course
• GERMN 301-498 Advanced Language, Literature, or Culture Course
• Elective
• Elective
• HCR Hunter Core Requirement Hunter Focus: Concentrated Study

Spring

• GERMN 301-498 Advanced Language, Literature, or Culture Course
• GERMN 301-498 Advanced Language, Literature, or Culture Course
• Elective
• Elective
• Elective

Senior Year

Fall

• GERMN 301-498 Advanced Language, Literature, or Culture Course
• GERMN 301-498 Advanced Language, Literature, or Culture Course
• Elective
• Elective
• Elective
Spring

- GERMN 301-498 Advanced Language, Literature, or Culture Course
- GERMN 301-498 Advanced Language, Literature, or Culture Course
- Elective
- Elective
- Elective

Notes:

- Students interested in Study Abroad should speak with a departmental advisor about summer programs, which carry a total of 6 credit hours, 3 that may be applied to the major and 3 that will count as elective credits. Semester-long and year-long study abroad is also possible.
- Students who complete the intensive language sequence (German 103 and 203) in their first year may move on to Advanced Language and Literature courses (German 301-302, 310, 320-339) in their sophomore year.
- At least 12 credits must be earned by taking advanced classes in German literature and culture (numbered 320-359; also 444). Three or more of these credits must be from level 2 literature courses (numbered 341-359; also 444). Majors are permitted to substitute one level 1 literature course (numbered 320-339) with a level 2 language course (numbered 385). Students are encouraged to consult a departmental advisor as early as possible to plan their course of studies in German.

German - BA

Students who complete a German major will gain an understanding and appreciation of German culture and civilization, past and present. They will comprehend spoken and written German to the level of understanding the classics of German prose, drama, and poetry. They either will have reached or will be well on their way towards reaching the linguistic and cultural capacity for engaging in intellectual discourse in written and spoken German.

Students who have some knowledge of German gained outside of Hunter College should consult Prof. Anderson, Prof. Kuhn-Osius, Prof. Nicolai, or Prof. Zimmerman regarding placement in the German major.

Hunter Core Requirement
Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major
(27-33 credits)

Elementary and Intermediate German Language Courses (0-12 credits)

GERMN 10100 - Elementary German I

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200.
For details about credit policy, please see Language Proficiency Requirement.
3 hrs
3 cr.

GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.
prereq: GRMN 10100 or equiv.
3 hrs
3 cr.

GERMN 20100 - Intermediate German I

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.
prereq: GRMN 10200 or equiv.
3 hrs
3 cr.

GERMN 20200 - Intermediate German II
Grammar review and composition. Reading and discussion of selected literary texts.

**GERMN 10300 - Intensive Elementary German**

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.

- 6 hrs
- 6 cr.

**GERMN 20000 - Intensive German 2 and 3**


- **prereq:** GERMN 10100
- 6 hrs
- 6 cr.

**GERMN 20300 - Intensive Intermediate German**

Covers material of GRMN 201 and 202 in one semester.

- **prereq:** GRMN 10200, 10300 or equiv.
- 6 hrs
- 6 cr.

**Note:** Between 3 and 12 credits of these courses may be waived if students have prior knowledge of German. Prior knowledge will be determined by a departmental placement test.

**Advanced Courses in German Language and Culture (21-27 credits)**

Students who begin their German study in college (GERMN 10100 and GERMN 10200 or equivalent on the transcript) must take an additional total of 21 credits in Advanced German Language and Culture Courses numbered GERMN 24000 and above. Students who began their German study before entering college (no GERMN 10100 and GERMN 10200 or equivalent on the transcript) must take a total of 27 credits in Advanced German Language and Culture Courses numbered GERMN 24000.
and above. Note: Only one course on German culture taught in English may be used to fulfill requirements for a German major.

Advanced courses in language, level I (30100 - 31200):

**GERMN 30100 - Advanced German Comprehension and Conversation**

**GER**

3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing.

(Conducted in German)

*prereq: GERMN 20200 or 20300 or equiv.*

*3 hrs*

*3 cr.*

**GERMN 30200 - Advanced German Conversation and Composition**

**GER**

3/A

Intensive practice in speaking and writing German.

(Conducted in German)

*prereq: GERMN 20200 or 20300 or equiv.*

*3 hrs*

*3 cr.*

**GERMN 31000 - Advanced German Language Studies**

**GER**

3/A

Intensive language study in a German speaking country. May be repeated at different levels.

(Conducted in German)

*prereq: GERMN 20200 or 20300 or equiv.*

*3 hrs*

*3 cr.*

**GERMN 31200 - Introduction to Business German**

**GER**

3/A
Introduction to the specialized language of German business and economics and intensive practice in German terminology and style on such topics as banking and finance, the corporate structure and the European Union. (Conducted in German)

prereq: GERMN 30100 or perm instr.
3 hrs
3 cr.

Advanced courses in literature, level I (32000 - 33900):

GERMN 32000 - Studies in German Literature and Language

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic. (Conducted in German)

prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32100 - Individual and Society in Modern German Literature

Pluralism and Diversity
PD/D
GER
3/A

The central conflict between individual liberty and societal constraints as reflected in short stories, novellas and plays by 20th century authors such as Kafka, Brecht, Böll and Frisch. (Conducted in German)

prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32200 - German Civilization

Pluralism and Diversity
PD/D
GER
3/A
Introduction to key topics in German history, politics, arts, literature and sciences.
(Conducted in German)
prereq: GERMN 20200 or equiv.
3 hrs
3 cr.

GERMN 32300 - Women in German Literature

Pluralism and Diversity
PD/C
GER
3/A

Reading and discussion of literature from the 19th century to the present written in German by and about women.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32400 - Post-Feminist German Literature and Film

Pluralism and Diversity
P&D C

Reading and discussion of German literature and film written and produced by women at the end of the 20th and the beginning of the 21st centuries.

prereq: GERMN 20200 or 20300 or equivalent
3 hrs
3 cr.

GERMN 32700 - Modern Swiss Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written in German by Swiss authors since the 19th century.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.
**GERMN 32800 - German Children's and Adolescent Literature**

Pluralism and Diversity  
PD/D  
GER  
3/A

Reading and discussion of literature for young readers and adolescents.  
(Conducted in German)  
prereq: GERMN 20200 or 20300 or equiv.  
3 hrs  
3 cr.

**GERMN 33400 - The German Short Story and Novelle**

Pluralism and Diversity  
PD/D  
GER  
3/A

Discussion of short narrative works from age of Goethe to present.  
(Conducted in German)  
prereq: GERMN 20200 or 20300 or equiv.  
3 hrs  
3 cr.

**GERMN 33500 - German Radio Plays: Hoerspiel**

Pluralism and Diversity  
GER 3/A PD/D  
GER  
3/A

Listening to and discussion of literary radio plays from the 1950s to today.  
(Conducted in German)  
prereq: GERMN 20200 or 20300 or equiv.  
3 hrs  
3 cr.

**GERMN 33600 - German Lyric Poetry**

Pluralism and Diversity  
PD/D  
GER  
3/A
Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33900 - German Drama from Naturalism to Present

Pluralism and Diversity
PD/D
GER
3/A

Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürenmatt, Frisch and Handke.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

Advanced courses in literature, level II
(34000 - 35900):

GERMN 34100 - German Drama from Age of Goethe to Naturalism

Pluralism and Diversity
PD/D
GER
3/A

Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34200 - The German Novel

Pluralism and Diversity
PD/D
GER
3/A

Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.
**GERMN 34300 - German Literature from Its Origins to the Age of Goethe**

Pluralism and Diversity  
PD/D

**GERMN 34400 - Readings in Classical Period of German Literature**

Pluralism and Diversity  
PD/D  
GER  
3/A

Discussion of selected works by Lessing, Goethe and Schiller.  
(Conducted in German)  
*prereq: one course numbered from GERMN 32000 to 35900 or equiv.*  
3 hrs  
3 cr.

**GERMN 34500 - Literature of Weimar Republic**

Pluralism and Diversity  
PD/D  
GER  
3/A

Discussion of literary works and documents influential in German life between 1918 and 1933.  
(Conducted in German)  
*prereq: one course numbered from GERMN 32000 to 35900 or equiv.*  
3 hrs  
3 cr.

**GERMN 34600 - German Literature of the 1930s and 1940s**

Pluralism and Diversity  
PD/D  
GER
Reading and discussion of literature written between the time of the Weimar Republic and 1945.
(Conducted in German)
prereq: one course numbered from GERMN 3200 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34700 - German Literature 1945-1995

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of German literature written between 1945 and 1995.
(Conducted in German)
prereq: one course numbered from GERMN 3200 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34800 - East German Literature (1945-1990)

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German Democratic Republic as a sovereign state.
(Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 35000 - Austrian Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literature and culture of the fin-de-siècle Vienna.
GERMN 35300 - Goethe's Faust

Pluralism and Diversity
PD/D
GER
3/A

Intensive study of Goethe's Faust, Parts I and II.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 35900 - German Literary Seminar

Pluralism and Diversity
PD/D
GER
3/A

Seminar study of significant theme in German literature, German author or literary movement or genre. May be repeated with a different topic.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

Advanced courses in language, level II (all course numbers beginning with 38500);

GERMN 38501 - The German Press of Today: Reading and Understanding Newspapers and Magazines

GER
3/A

Reading and discussion of present-day German newspapers and magazines.
(Conducted in German) A varying selection of 38500 courses will be offered in alternate years in accordance with
student needs. Please consult the chair of the department or a departmental adviser for specific details.

**prereq:** two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)

3 hrs
3 cr.

**GERMN 38502 - Advanced Business German**

**GER**

3/A

Cross-cultural study and practicing of German business culture and language while studying Germany as a global economic player. Topics such as corporate structure, management strategies, international marketing and labor relations.

A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

**prereq or coreq:** GERMN 31200 or perm. instr.

3 hrs
3 cr.

**GERMN 38503 - German Grammar for Upper-Level Discourse**

**GER**

3/A

Study of German grammar from basic to complex structures. Intensive practice in control of grammatical forms at high levels of spoken and written discourse.

(Conducted in German)

A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

**prereq:** three courses above GERMN 30000 or equiv (excluding courses in English translation)

3 hrs
3 cr.

Special projects:

**GERMN 44400 - Seminar Studies in German Literature and Language**
**Pluralism and Diversity**

PD/D  
GER  
3/A  

Seminar study of literary topic or linguistic phenomenon. May be repeated with a different topic.  
(Conducted in German)  
prereq: GERMN 2000 or 20300 or equiv.  
3 hrs  
3 cr.  

**GERMN 49100 - Honors Project**  
Open to Jr/Sr only. Individual study and independent research in consultation with faculty member. Honors essay required.  
(Conducted in German)  
prereq: perm chair  
3 cr.  

**GERMN 49200 - Independent Study in German**  
Number of credits to be determined in advance in consultation with faculty member on basis of work planned.  
(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.  
prereq: perm chair  
1-3 cr.  

**GERMN 49300 - Individual Studies Project in German Studies**  
Individual research on German-studies topic under direction of faculty member. Written report required.  
(Conducted in German)  
prereq: perm chair  
3 cr.  

**GERMN 49800 - Internship**  
(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm of chair
1-4 cr.

German Culture Courses Conducted in English:

GERMN 24000 - German Thought and Culture: A Survey (W)

Pluralism and Diversity
PD/D
GER
2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective. (Conducted in English) Note: No knowledge of German required.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core
Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures. (Conducted in English) Note: No knowledge of German required.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

*No "W" designation when offered in Winter Session

GERMN 36300 - Goethe's Faust in English translation

GER
3/A
GERMN 37200 - Germany in the Twenties (W)

Pluralism and Diversity
PD/D
GER
3/A

Literature, art and politics in Germany between World War I and Third Reich, 1918-1933. (Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37300 - German-Jewish Love Stories in Literature and Film after 1945 (W)

Study of German literature and films that explore and (re)imagine relationships between non-Jewish and Jewish Germans during and after the Holocaust.
prereq: ENGL 12000
3 hrs
3 cr.

GERMN 37400 - Masterpieces of German Literature in English Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Discussion of some outstanding works of German literature. (Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37900 - Studies/Seminar Studies in German Literature in English Translation

Pluralism and Diversity
PD/D
GER
3/A

Discussion and analysis of literary movement, genre, major
topic or important author. 
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.
- HIST 33640 – Germany Since 1914
- HIST 34103 – Berlin: Capital of the 20th Century
- HIST 38461 – Hitler’s Germany 1919-1945

PHILO 31800 - Revolutions in Modern Philosophy (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of major philosophers of the late 18th and 19th centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Kierkegaard, Marx and Nietzsche.

prereq: ENGL 12000 and two previous courses in philosophy
3 hrs
3 cr.

PHILO 31900 - Marxist and Critical Theory (W)

Pluralism and Diversity
PD/D
GER
3/A

Study of 20th century philosophers, such as Lucás, Adorno, and Marcuse, who attempted to develop a theory of historical materialism or a critical theory of society, as well as the sources of their ideas in the work of Marx, Weber, and Freud.

prereq: ENGL 12000 and 2 courses in philosophy, 1 at the 200-level
3 hrs
3 cr.

PHILO 38068 - Kant (W)

GER
3A

Intensive study of the works and legacy of Kant.

prereq: Two courses in philosophy, at least one of which is at the 200 level.
PHILO 38070 - Hegel (W)

GER
3A

Intensive study of the works of Hegel.

prereq: Two courses in philosophy, at least one of which is at the 200 level.

3 hrs
3 cr.

PHILO 38076 - Marx (W)

GER
3A

Intensive study of the works and legacy of Marx (W)

prereq: Two courses in philosophy, at least one of which is at the 200 level

3 hrs
3 cr.

PHILO 38078 - Nietzsche (W)

GER
3A

Intensive study of the works and legacy of Nietzsche.

prereq: Two courses in philosophy, at least one of which is at the 200 level

3 hrs
3 cr.

PHILO 38083 - Heidegger (W)

GER
3A

Intensive study of the works and legacy of Heidegger.

prereq: Two courses in philosophy, at least one of which is at the 200 level

3 hrs
3 cr.

POLSC 25400 - Government and Politics in Western Europe (W)
Pluralism and Diversity
PD/D
GER
3/B

Theory, practice, institutions and problems of Western European nations particularly Britain, France and Germany.

*prereq: ENGL 12000 or its equivalent*

3 hrs
3 cr.

POLSC 32200 - Social and Economic Policies in Western Europe and the United States (W)

Pluralism and Diversity
PD/D
GER
3/B

Evolution of social and economic policies from the 19th century to the present. Policies are analyzed in light of tensions between democracy and capitalism.

*prereq: Prereq: ENGL 12000 (or equivalent) and any course in Amer Pol or Comp Pol. Open only to students who have completed 45 credits and 9 credits in PolSc. Not open to students who have completed PolSc 31500. Counts as either American or Theory (but not both).*

4 hrs
4 cr.

Additional Information

At least nine credits must be earned by taking advanced classes in German literature and culture (numbered 32000-35900; also 44400). At least six credits must be from level II courses (numbered 34000-38500; also 44400).

Preparation for Teaching in Grades 7-12

In cooperation with the School of Education, the program in German provides opportunities for students to prepare for a career in teaching German in grades 7-12. Students preparing to teach German must complete a 33-credit major option (Option 2) for teaching that includes the 24-credit sequence (Option 1) taken by non-teaching majors plus 9 additional credits: GERMN 39900 and 6 additional credits in advanced GRMN language and literature courses in the German Department between GERMN 30100 and GERMN 44400 or GERMN 24000, GERMN 24100 or 300-level
courses related to German studies offered in other departments (with prior approval by the chairperson of the German Department). Students interested in teaching German in New York schools will take the 23-credit pedagogical sequence for grades 7-12 Languages Other than English: Chinese, French, German, Hebrew, Italian, Russian, Spanish (BA) Additional Coursework and Student Teaching along with the major in German. This sequence may count toward the course requirements for New York State Certification but will not by itself be sufficient for certification. Students interested in a teaching career should consult with the School of Education. All students who want to pursue a teaching certificate in German must take an oral examination with the German Department. See the The School of Education section of this catalog for further information.

Electives

All courses offered are open to all qualified students as electives. For placement, consult a departmental adviser or the department chair.

Honors, Tutorials

Consult the department chair for these special programs. In order to graduate with departmental honors the student has to write an honors essay in the following. Please check under “Academic Honors” for exact details. Students who qualify can be elected to the German Honor Society Sigma Epsilon Phi. Please consult the department for exact requirements.

**GERMN 49100 - Honors Project**

Open to Jr/Sr only. Individual study and independent research in consultation with faculty member. Honors essay required.  
(Conducted in German)  
*prereq: perm chair*  
3 cr.

Study Abroad

Summer study abroad programs, supported by scholarships, are open to students at all levels. Please contact the department chair for details.
Exchange Program with
Pädagogische Hochschule Karlsruhe, Germany

The German Department has a semester-long or year-long exchange program with the Pädagogische Hochschule Karlsruhe. The department will help students seek financial support. Please consult the department for details.

Degree Map for German

Minor in German

Courses Required for the German Minor

Students with appropriate background may be exempted from some or all Elementary and Intermediate Courses. See department for proper placement.

Elementary and Intermediate German Language Courses (12 credits)

GERMN 10100 - Elementary German I

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.
GERMN 10100 not usually credited without GRMN 10200.
For details about credit policy, please see Language Proficiency Requirement.

3 hrs
3 cr.

GERMN 10200 - Elementary German II

Continued practice in speaking, reading, writing and comprehending German.

prereq: GERMN 10100 or equiv.

3 hrs
3 cr.

GERMN 20100 - Intermediate German I
Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.

prereq: GRMN 10200 or equiv.

3 hrs
3 cr.

**GERMN 20200 - Intermediate German II**

Grammar review and composition. Reading and discussion of selected literary texts.

prereq: GRMN 20100 or equiv.

3 hrs
3 cr.

**Note:**

**GERMN 10300 - Intensive Elementary German**

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.

6 hrs
6 cr.

**GERMN 20000 - Intensive German 2 and 3**


prereq: GERMN 10100

6 hrs
6 cr.

**GERMN 20300 - Intensive Intermediate German**

Covers material of GRMN 201 and 202 in one semester.

prereq: GRMN 10200, 10300 or equiv.

6 hrs
6 cr.

12 credits in language and literature taught in German at the
300-level or higher are required for the minor.

**GERMN 30100 - Advanced German Comprehension and Conversation**

*GER*

3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing. (Conducted in German)

*prereq: GERMN 20200 or 20300 or equiv.*

3 hrs

3 cr.

**GERMN 38500 - Advanced Topics in German Language Study**

Advanced study of a linguistic phenomenon or of German language for a particular purpose. May be repeated with a different topic or level.

A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

*prereq or coreq: Will vary with topic*

3 hrs

3 cr.

**Note:**

At least 3 of the credits for a German minor must be earned by taking a literature class numbered between GERMN 32000 and GERMN 35900. Students who begin their study of German in college may count 6 credits of Intermediate German instruction towards the minor and will need to take two courses at the 300-level.

**GERMN 10100 - Elementary German I**

Practice in 4 basic skills of speaking, reading, writing and comprehending German. For beginners.

GERMN 10100 not usually credited without GRMN 10200. For details about credit policy, please see Language Proficiency Requirement.

3 hrs

3 cr.

**GERMN 10200 - Elementary German II**
Continued practice in speaking, reading, writing and comprehending German.

*prereq: GRMN 10100 or equiv.*

3 hrs

3 cr.

**GERMN 10300 - Intensive Elementary German**

Intensive practice in 4 basic skills of German. Covers material of GRMN 10100 and 10200 in one semester.

6 hrs

6 cr.

**GERMN 20000 - Intensive German 2 and 3**


*prereq: GRMN 10100*

6 hrs

6 cr.

**GERMN 20100 - Intermediate German I**

Practice in comprehending and communicating in German at the intermediate level. Review of basic structures and study of advanced grammar topics.

*prereq: GRMN 10200 or equiv.*

3 hrs

3 cr.

**GERMN 20150 - Intermediate German Workshop I**

Additional practice in spoken and written German. Intended to improve the speaking skill of students taking GRMN 201.

*coreq: GRMN 201*

1 hrs

1 cr.

**GERMN 20200 - Intermediate German II**

Grammar review and composition. Reading and discussion of selected literary texts.

*prereq: GRMN 20100 or equiv.*
GERMN 20250 - Intermediate German Workshop II

Intermediate conversation course open to students enrolled in GRMN 202. Conversation on topics from everyday life in modern Germany.

*coreq: GRMN 20200

2 hrs
2 cr.

GERMN 20300 - Intensive Intermediate German

Covers material of GRMN 201 and 202 in one semester.

*prereq: GRMN 10200, 10300 or equiv.

6 hrs
6 cr.

GERMN 30100 - Advanced German Comprehension and Conversation

GER 3/A

Intensive practice in reading and listening to German texts and in conversational German; some essay writing.

(Conducted in German)

*prereq: GERMN 20200 or 20300 or equiv.

3 hrs
3 cr.

GERMN 30200 - Advanced German Conversation and Composition

GER 3/A

Intensive practice in speaking and writing German.

(Conducted in German)

*prereq: GERMN 20200 or 20300 or equiv.

3 hrs
3 cr.

GERMN 31000 - Advanced German Language Studies
Intensive language study in a German speaking country. May be repeated at different levels. (Conducted in German)

**prereq:** GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

**GERMN 31200 - Introduction to Business German**

Introduction to the specialized language of German business and economics and intensive practice in German terminology and style on such topics as banking and finance, the corporate structure and the European Union. (Conducted in German)

**prereq:** GERMN 30100 or perm instr.
3 hrs
3 cr.

**GERMN 32000 - Studies in German Literature and Language**

Discussion of literary topics or linguistic phenomena. May be repeated with a different topic. (Conducted in German)

**prereq:** GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

**GERMN 32100 - Individual and Society in Modern German Literature**

The central conflict between individual liberty and societal constraints as reflected in short stories, novellas and plays by 20th century authors such as Kafka, Brecht, Böll and Frisch.
GERMN 32200 - German Civilization

Pluralism and Diversity
PD/D
GER
3/A

Introduction to key topics in German history, politics, arts, literature and sciences.

(Conducted in German)
prereq: GERMN 20200 or equiv.
3 hrs
3 cr.

GERMN 32300 - Women in German Literature

Pluralism and Diversity
PD/C
GER
3/A

Reading and discussion of literature from the 19th century to the present written in German by and about women.

(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32400 - Post-Feminist German Literature and Film

Pluralism and Diversity
P&D C

Reading and discussion of German literature and film written and produced by women at the end of the 20th and the beginning of the 21st centuries.

prereq: GERMN 20200 or 20300 or equivalent
3 hrs
3 cr.

GERMN 32700 - Modern Swiss Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature written in German by Swiss authors since the 19th century.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 32800 - German Children's and Adolescent Literature

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of literature for young readers and adolescents.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33400 - The German Short Story and Novelle

Pluralism and Diversity
PD/D
GER
3/A

Discussion of short narrative works from age of Goethe to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33500 - German Radio Plays: Hoerspiel

Pluralism and Diversity
GER 3/A PD/D
GER
3/A

Listening to and discussion of literary radio plays from the 1950s to today.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
GERMN 33600 - German Lyric Poetry

Pluralism and Diversity
PD/D
GER
3/A

Discussion of important lyrics from Baroque period to present.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 33900 - German Drama from Naturalism to Present

Pluralism and Diversity
PD/D
GER
3/A

Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch and Handke.
(Conducted in German)
prereq: GERMN 20200 or 20300 or equiv.
3 hrs
3 cr.

GERMN 34100 - German Drama from Age of Goethe to Naturalism

Pluralism and Diversity
PD/D
GER
3/A

Discussion of dramas by such writers as Goethe, Schiller, Kleist, Büchner, Grillparzer and Hebbel.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34200 - The German Novel
Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin and Böll.

(Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34400 - Readings in Classical Period of German Literature

Discussion of selected works by Lessing, Goethe and Schiller.
(Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34500 - Literature of Weimar Republic

Discussion of literary works and documents influential in German life between 1918 and 1933.
(Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34600 - German Literature of the 1930s and 1940s

Discussion of literary works and documents influential in German life between 1918 and 1933.
(Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.
Reading and discussion of literature written between the time of the Weimar Republic and 1945.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34700 - German Literature 1945-1995

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion of German literature written between 1945 and 1995.
(Conducted in German)
prereq: one course numbered from GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 34800 - East German Literature (1945-1990)

Pluralism and Diversity
PD/D
GER
3/A

Reading and discussion in German of literature written in East Germany during the existence of the German Democratic Republic as a sovereign state.
(Conducted in German)
prereq: one course numbered GERMN 32000 to 35900 or equiv.
3 hrs
3 cr.

GERMN 35000 - Austrian Literature

Pluralism and Diversity
PD/D
GER
3/A

Discussion of literature and culture of the fin-de-siècle Vienna.
Conducted in German

**GERMN 35300 - Goethe's Faust**

Pluralism and Diversity

PD/D

GER

3/A

Intensive study of Goethe's Faust, Parts I and II.

(Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.

3 hrs

3 cr.

**GERMN 35900 - German Literary Seminar**

Pluralism and Diversity

PD/D

GER

3/A

Seminar study of significant theme in German literature, German author or literary movement or genre. May be repeated with a different topic.

(Conducted in German)

prereq: one course numbered from GERMN 32000 to 35900 or equiv.

3 hrs

3 cr.

**GERMN 37300 - German-Jewish Love Stories in Literature and Film after 1945**

(W)

Study of German literature and films that explore and (re)imagine relationships between non-Jewish and Jewish Germans during and after the Holocaust.

prereq: ENGL 12000

3 hrs

3 cr.

**GERMN 38500 - Advanced Topics in German Language Study**
Advanced study of a linguistic phenomenon or of German language for a particular purpose. May be repeated with a different topic or level.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

Prereq or Coreq: Will vary with topic
3 hrs
3 cr.

GERMN 38501 - The German Press of Today: Reading and Understanding Newspapers and Magazines

GERN 38501

Reading and discussion of present-day German newspapers and magazines.
(Conducted in German) A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

Prereq: two courses numbered GERM 30000 or above or equiv. (excluding courses in English translation)
3 hrs
3 cr.

GERMN 38502 - Advanced Business German

GERN 38502

Cross-cultural study and practicing of German business culture and language while studying Germany as global economic player. Topics such as corporate structure, management strategies, international marketing and labor relations.
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

Prereq or Coreq: GERMN 31200 or perm. instr.
3 hrs
3 cr.

GERMN 38503 - German Grammar for Upper-Level Discourse
GER
3/A

Study of German grammar from basic to complex structures. Intensive practice in control of grammatical forms at high levels of spoken and written discourse. (Conducted in German)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

prereq: three courses above GERMN 30000 or equiv (excluding courses in English translation)
3 hrs
3 cr.

GERMN 38504 - Advanced German Through Translation

GER
3/A

Translation of literary and non-literary texts from German into English. Basic introduction to translation theory. (Conducted in German and English)
A varying selection of 38500 courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.

prereq: two courses numbered GERMN 30000 or above or equiv. (excluding courses in English translation)
3 hrs
3 cr.

GERMN 39900 - Second Language Acquisition

GER
3/A

A survey of issues and approaches to second language acquisition. For students planning to teach languages other than English in grades 7-12. (Conducted in German)

prereq: at least three courses at the 300 level in the language, ENGL 12000
3 hrs
3 cr.

GERMN 44400 - Seminar Studies in German Literature and Language
Pluralism and Diversity
PD/D
GER
3/A

Seminar study of literary topic or linguistic phenomenon. May be repeated with a different topic.
(Conducted in German)
prereq: GERMN 2000 or 20300 or equiv.
3 hrs
3 cr.

GERMN 49100 - Honors Project

Open to Jr/Sr only. Individual study and independent research in consultation with faculty member. Honors essay required.
(Conducted in German)
prereq: perm chair
3 cr.

GERMN 49200 - Independent Study in German

Number of credits to be determined in advance in consultation with faculty member on basis of work planned.
(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm chair
1-3 cr.

GERMN 49300 - Individual Studies Project in German Studies

Individual research on German-studies topic under direction of faculty member. Written report required.
(Conducted in German)
prereq: perm chair
3 cr.

GERMN 49800 - Internship

(Conducted in German) A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or a departmental adviser for specific details.
prereq: perm of chair
1-4 cr.

GERMN 24000 - German Thought and Culture: A Survey (W)

Pluralism and Diversity
PD/D
GER
2/C

Discussion of the German contribution in the fields of art, literature, music, philosophy in historical perspective. (Conducted in English) Note: No knowledge of German required.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

GERMN 24100 - German Fairy Tales in Translation (W)

Hunter Core
Creative Expression
Pluralism and Diversity
PD/D
GER
2/C

Reading and discussion of traditional and literary fairy tales of Germany. Cross-cultural comparison of various fairy-story traditions; development of motifs through various ages and cultures. (Conducted in English) Note: No knowledge of German required.

prereq or coreq: ENGL 12000
3 hrs
3 cr.
*No "W" designation when offered in Winter Session

GERMN 37200 - Germany in the Twenties (W)

Pluralism and Diversity
PD/D
GER
3/A

Literature, art and politics in Germany between World War I and Third Reich, 1918-1933. (Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37400 - Masterpieces of German Literature in English Translation (W)

Pluralism and Diversity
PD/D
GER
3/A

Discussion of some outstanding works of German literature.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 37900 - Studies/Seminar Studies in German Literature in English Translation

Pluralism and Diversity
PD/D
GER
3/A

Discussion and analysis of literary movement, genre, major topic or important author.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 47900 - Studies/Seminar Studies in German Literature in English Translation

Pluralism and Diversity
PD/D
GER
3/A

Discussion and analysis of literary movement, genre, major topic or important author.
(Conducted in English) Note: No knowledge of German required.
3 hrs
3 cr.

GERMN 10600 - German through Lieder
GERMN 34300 - German Literature from Its Origins to the Age of Goethe

Pluralism and Diversity
PD/D

GERMN 36100 - Gottfried von Strassburg: Tristan

GER
3/A

GERMN 36200 - Wolfram von Eschenbach: Parzival in translation

GER
3/A

GERMN 36300 - Goethe's Faust in English translation

GER
3/A

GERMN 36400 - Heinrich von Kleist

GER
3/A

GERMN 36500 - Georg Büchner

GER
3/A

GERMN 36600 - Hermann Hesse

GER
3/A

GERMN 36700 - Hermann Hesse: Magister Ludi

GER
3/A

GERMN 36800 - Rainer Maria Rilke's Duino Elegies
Programs and Courses in History

History Overview

The study of history involves asking searching questions about how diverse societies, institutions, economies, cultures, and belief systems emerge, change, and develop over time. Thinking through these issues provides perspective on human lives in the present as well. Training in historical writing and research enables students to understand the contemporary world. History is the record of human experience. Its study is a first step in learning about
ourselves and our society — about economics and politics, psychology and sociology, mathematics and science, the arts and the humanities. Beyond the purely practical consideration of a profession, the study of history is exciting in its own right. The History Department offers courses in the history of the United States, the ancient world, medieval and modern Europe, Russia, Jewish studies, the Middle East and Islamic world, Latin America, Africa, East Asia and South Asia, as well as many comparative topics in political, intellectual, and world history.

What can I do with my degree in History?

For students whose undergraduate major is history, career opportunities are numerous and varied. Medical, law and other professional schools favor applicants with history majors because of their broad background and research skills. Moreover, while teaching has long been a popular goal for history majors, positions in government (local, state and national), publishing, museums, public relations, advertising, media/communications, business and management also await those students whose human perspective, critical thinking skills, and intellectual discipline have been developed in history classes.

Programs and Courses

Programs and Courses in History

Administration and Faculty

Chair:

Mary Roldán
1515 West Building
(212) 772-5488
e-mail: mrol@hunter.cuny.edu

Department Office:

Carol Adams, Administrative Assistant
1512 West
(212) 772-5480
http://hunter.cuny.edu/history
Hours of Operation: Monday – Friday 9:00 AM – 5:00 PM
Faculty

History Faculty

HEGIS Code: 2205

Degree Map for History

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a History major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your advisor about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER
I/A

Required of all students unless exempt This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.
prereq: successful completion of developmental courses, if required
3 hrs + conf
3 cr.

- Math & Quantitative Reasoning
- Foreign Language Elementary Level 1
- Life and Physical Sciences

HIST 15100 - The United States from the Colonial Era to the Civil War (W)
Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

Spring

ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.
prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

- Creative Expression
- Foreign Language Elementary Level 2
- HIST 100 or 200 Level Elective
- Elective

Sophomore Year

Fall

- Individual and Society/ Social Sciences
- Scientific World
- Foreign Language Intermediate Level 3
- HIST 100 or 200 Level Elective
- Elective

Spring

HIST 29000 - History Practicum (W)
A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more self-directed, substantial and independent historical research projects in the future.

**prereq:** ENGL 12000; 6 cr in history and permission of the department

3 hrs.
3 cr.

- Individual and Society/ Social Sciences
- World Cultures & Global Issues
- Foreign Language Intermediate Level 4
- HIST 200 Level Elective

### Junior Year

#### Fall

- HIST 29000 History Practicum (W)
- HIST 200 or 300 Level Elective
- Elective
- Elective
- Elective

#### Spring

- HIST 300 Level Elective
- Elective
- Elective
- Elective
- Elective

### Senior Year

#### Fall

- HIST 30000 Historical Research (W) or HIST 40000 Historical Research [H] or Elective
- HIST 300 Level Elective
- Elective
- Elective
- Elective

#### Spring
• HIST 300 or 400 Level Elective
• Elective
• Elective
• Elective
• Elective

Notes:

• Students must complete a minimum of 6 HIST credits within each of the following geographical fields: United States history, European history (includes Russia and the USSR), and World/Non-Western (Asia, Africa, and Middle East)/Latin American history.
• A maximum of 9 credits in 100-level courses may be applied to the major.
• A minimum of 18 credits in advanced-level courses distributed as follows:
  • 6 credits in 200-level courses (not including HIST 29000)
  • 9 credits in 300-level courses or higher (including HIST 30000/HIST 40000)
• **HIST 29000 - History Practicum (W) Majors must have passed 9 credits of HIST-designated courses before enrolling in HIST 29000. No more than 6 of the 9 credits required for HIST 29000 enrollment may be at the 100-level. A minimum grade of C is required to receive credit for HIST 29000. The Department strongly suggests students take the Practicum in the sophomore year, but recognizes that transfer students will not have had an opportunity to do so, but should be encouraged to take it the Fall semester of their Junior year
• Chronological Distribution: Within the requirements for the major (exclusive of HIST 300) students must also complete a minimum of 3 credits in a course that is largely focused on years prior to 1815:
  • If the course is at the 100-level, it must cover material that is entirely pre-1815.
  • If the course is at the 200-level or higher, the majority of the material in it must be pre-1815.

History - BA

The study of the human past expands our understanding of what it is to be human. History courses may offer overviews that sweep across centuries and continents, or focus on the history of a nation, a demographic group, a social, environmental, political, economic or cultural topic, or even the life and times of a single individual, but all are united in seeking to inculcate an evidence-based critically-informed understanding of our past. Historical knowledge is key to understanding continuity and change in societies,
in systems of knowledge and belief, in technologies, and in cultures. History students learn to find and interpret primary sources, and to rigorously analyze the historical writings of others. Working with department faculty students learn to plan, research and write historical papers of their own, to craft convincing arguments and to convey them in effective and compelling language. This knowledge and these skills are valued within and without the field of academic history, and history graduates have gone on to successful careers in business, government, public interest fields, journalism, and other professions, or have continued their studies in graduate or law schools.

**Hunter Core Requirement**

Hunter Core Requirement Courses leading to (foundational) or within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the History major, the courses that meet CCCR are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 11100</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 11200</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 12100</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 12200</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 15100</td>
<td>US Experience in its Diversity (USED)</td>
</tr>
<tr>
<td>HIST 15200</td>
<td>US Experience in its Diversity (USED)</td>
</tr>
<tr>
<td>HIST 20800</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 27700</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
<tr>
<td>HIST 27800</td>
<td>World Culture and Global Issues (WCGI)</td>
</tr>
</tbody>
</table>

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.
Courses Required for the Major (30 credits)

1. A maximum of 9 credits in 100-level courses may be taken.

2. A minimum of 18 credits in advanced-level courses distributed as follows:
   - 6 credits in 200-level courses (not including HIST 29000)
   - 9 credits in 300-level courses or higher (not including HIST 30000/HIST 40000)

3. History Practicum

HIST 29000 - History Practicum (W)

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more self-directed, substantial and independent historical research projects in the future.

_prereq: ENGL 12000; 6 cr in history and permission of the department

3 hrs.
3 cr.

Majors must have passed 9 credits of HIST-designated courses before enrolling in HIST 29000. No more than 6 of the 9 credits required for HIST 29000 enrollment may be at the 100 level.

_A minimum grade of C is required to receive credit for HIST 29000_
4. Historical Research or Historical Research Honors

**HIST 30000 - Historical Research (W)**

**GER**

3/B

Independent research related to a prior upper-level course already completed under the supervising instructor. The research will result in an extensive paper.

Courses at the 300-level and above not offered to freshmen.

*prereq: HIST 29000 and departmental permission*

3 hrs

3 cr.

5. Geographic Distribution:

Within the requirements for the major (exclusive of HIST 30000) students must complete a minimum of 6 credits in each of the following geographic fields:

- United States history
- European history (includes Russia and the U.S.S.R.)
- World/Non-Western history (includes Asia, Africa, Middle East, Latin America).

6. Chronological Distribution:

Within the requirements for the major (exclusive of HIST 30000) students must also complete a minimum of 3 credits in a course that is largely focused on years prior to 1815:

- If the course is at the 100-level, it must cover material that is entirely pre-1815.
- If the course is at the 200-level or higher, the majority of the material in it must be pre-1815.

**Teacher Education Pathway**

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a lead teacher in NYS public schools.
Honors in History

Students will be eligible for honors in history upon the completion of all of the requirements for the major (including HIST 30000) with a 3.5 GPA and a 3.0 cumulative GPA at the time of graduation. In order to receive honors students may complete a portion of their major requirements in one of the following ways: (Choose one of the following options 1, 2 or 3):

- completing HIST 40000 with a grade of B or better in lieu of HIST 30000, which is required for the major
- completing 3 credits with a grade of B or better in an honors seminar, problems course, or tutorial (with departmental permission) in lieu of one of their 300-level or higher courses required for the major. Such seminars, honors courses, or tutorial options include:
  - HIST 48300 Problems in U.S. History (Honors) (W)
  - HIST 48400 Problems in European History (Honors) (W)
  - HIST 48500 Problems in Non-Western History (Honors) (W)
  - HIST 49300 Individual Tutorial Research Project
- completing a graduate-level course (with special permission from the instructor) with a grade of B or better in lieu of one of their 300-level or higher courses required for the major. Note: the student must still complete HIST 30000 or HIST 40000. Eligible students should apply for honors at the time they file for graduation. Applications are available from the department.

Graduate Study

Qualified students in their junior and senior years may be admitted to graduate courses with the approval of the department chair.
Minor in History

Students majoring in disciplines other than history may elect a minor in history. The history minor consists of 12 credits. The minor in History is flexible and thus it can provide depth to a variety of majors; students can tailor the minor to suit best their individual interests.

Requirements

- Four history courses of 3 credits each (or 12 credits total) taken for a letter grade (C or better. Courses taken for a grade of Credit/No Credit will not count toward the minor.)
- Courses must be distributed in at least two geographic fields, i.e. at least one course (3 credits) must be taken in a geographic area different from the other three. (Currently, the geographic areas are defined as U.S., European and World/Non-Western.)
- At least two courses (6 credits) must be at the 300-level or above. Internships do not count toward completion of the minor, although students completing the minor may elect to include an internship as an additional course. Independent studies (tutorials) and HIST300 are available only to History Majors and, thus, do not count toward the minor.
- At least two of the courses (or 6 credits) must be taken in the History Department at Hunter College. Courses
taken in other disciplines will not count toward the minor unless cross-listed and taken under the appropriate HIST course code. Transfer courses must be approved by the History Undergraduate Advisor.

There are no prerequisites for the minor, although certain courses may have their own prerequisites.

Declaring a Minor in History

Students are advised to declare their minor by the beginning of the upper junior semester, but must do it prior to their final semester (that of graduation). Declaration requires a planning session with the History Undergraduate Advisor and completion of the Major/Minor Declaration Form (to be obtained from the One Stop).

HIST 12100 - Early Modern Europe 1500 to 1815

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Transition from feudal society to national states; religious upheavals, expansion up to the French revolutionary era
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.
HIST 12200 - 19th and 20th Century Europe (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/D
GER
2/B

Scientific and industrial revolutions, liberalism, imperialism, socialism and fascism, total war, reconstruction.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 20100 - Ancient Civilization

GER
2/B

Development of civilization in the Near East. Its expansion under Greece and Rome to 500 CE in the Mediterranean basin.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 21100 - Medieval Civilization (W)

Pluralism and Diversity
PD/D
Social, institutional and cultural history of Western Europe from the late Roman
period to the Black Death in the mid-14th century.
Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 120
3 hrs
3 cr.

HIST 24200 - The Holocaust: An Introduction

Pluralism and Diversity
PD/D
The attempt to exterminate the Jewish people by the Nazis.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 30200 - Greek History

Pluralism and Diversity
PD/D
GER
3/B

From the Bronze Age ca. 3000 BCE to the Roman conquest. Emphasis on cultural and political contributions of ancient Greece.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 30300 - Roman History

Pluralism and Diversity
PD/D
GER
3/B
From Iron Age to Justinian; rise and fall of Rome's power and her political and cultural achievements.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 30500 - The Age of the Crusades

Pluralism and Diversity
PD/D
GER
3/B

The expansion of western Europe from 800 to 1492 in eastern Europe, the Mediterranean, Asia and Africa, giving particular attention to the Reconquista in Spain and the crusades in the Middle East.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 31000 - Jewish History in the Medieval and Early Modern Periods

Pluralism and Diversity
PD/D
GER
3/B

The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.
Courses at the 300-level and above not offered to freshmen.
HIST 31100 - Europe in the Early Middle Ages

Pluralism and Diversity
PD/D
GER
3/B

The development of European civilization from the fall of the Western Roman Empire to the First crusade. Courses at the 300-level and above not offered to freshmen.

HIST 31200 - Europe in the High Middle Ages

GER
3/B

The 12th and 13th centuries in Europe; church and state; science and universities; guilds and capitalism. Courses at the 300-level and above not offered to freshmen.

HIST 31300 - Europe in the Late Middle Ages

GER
3/B

Changing aspects of social, institutional, economic and cultural scene; humanism and art in the 14th and 15th centuries.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 31400 - Ancient and Medieval Christianity (W)**

**Pluralism and Diversity**
PD/D
GER
3/B

The development of Christianity from Jesus to Luther; theology and mysticism, lay and monastic spirituality; the papacy and dissidents; gender and sexuality; relations with Judaism and Islam.

Courses at the 300-level and above not offered to freshmen.
**prereq or coreq:** ENGL 12000
3 hrs
3 cr.

**HIST 31900 - Jewish History in the Medieval and Early Modern Periods (W)**

**Pluralism and Diversity**
PD/A
GER
3/B

The Jewish people from late antiquity to the 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.

Courses at the 300-level and above not offered to freshmen.
**prereq or coreq:** ENGL
HIST 32000 - Jewish History in the Modern World (W)

Pluralism and Diversity
PD/D
GER
3/B

From the 18th century to the present: Enlightenment, Jewish emancipation and nationalism, a Jewish state; anti-Semitism and the Holocaust; recent trends. Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 32100 - History of the Holocaust

GER
3/B

Examination of the mass murder of 6 million Jews by the Nazi regime during World War II. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 32400 - Europe in the Age of Renaissance and Reformation (W)

Pluralism and Diversity
PD/D
GER
European life and society in early modern era. Religious, political, economic and social change.
Courses at the 300-level and above not offered to freshmen.
preReq or coreq: ENGL 12000
3 hrs
3 cr.

**HIST 32500 - Europe in the Age of Absolutism and Revolution**

GER
3/B

Europe from the middle of the 17th century through the Congress of Vienna in 1815. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 32600 - Europe 1815-1914**

GER
3/B

Political, social, intellectual and economic developments from the Congress of Vienna to World War I. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 32700 - Europe since 1914**
GER
3/B

Europe in a century of total wars and cold war: the military, political, social, economic and intellectual scene.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 32900 - History of European Diplomacy

Pluralism and Diversity
PD/D
GER
3/B

From the Congress of Vienna and national unification movements through the era of total wars and cold war.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 33000 - Social and Economic History of Modern Europe

Pluralism and Diversity
PD/D
GER
3/B

Social and economic developments in Europe during the past 200 years.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.
HIST 33100 -
European Culture in the 16th, 17th and 18th Centuries (W)

GER
3/B

The impact of the Reformation, Counter-Reformation, the Scientific Revolution and related movements.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 33200 - Modern Culture from the 18th to the 20th Centuries

GER
3/B

From the impact of the Scientific Revolution and the Enlightenment to recent literature, art, religion and science. European political and social thought.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 33400 - France during the Revolution and Napoleonic Eras

GER
3/B

A study of the 18th-century antecedents of the French
Revolution, the Revolutionary decade and the Napoleonic period.
Courses at the 300-level and above not offered to freshmen.

HIST 33500 - History of Modern France

GER
3/B

The French experience since Napoleon, with emphasis on life and death under the three Republics since 1870.
Courses at the 300-level and above not offered to freshmen.

HIST 33600 - History of 20th-Century Germany (W)

Pluralism and Diversity
PD/D
An introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past.

This course is an introduction to the major themes in German history in the 20th Century. It covers such topics as the impact of the First World War, the rise of Adolf Hitler and the Nazis, the Second World War, and
Germany's place in the Cold War. The course places particular emphasis on the controversies which have arisen out of Germany's turbulent recent past.
prereq: ENGL 12000; Not offered to freshmen.
3 hrs
3 cr.

HIST 33700 - History of Spain

GER
3/B

From the Middle Ages to the present. Political, economic and social developments. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 33800 - History of Italy (W)

Pluralism and Diversity
PD/D
GER
3/B

Classical to Renaissance background. Catholic Reformation, foreign domination, Risorgimento to Fascism, post-World War II era. Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 34250 - Early British History to 1689
GER
3/B

Origins, medieval and early modern Britain to the Glorious Revolution. Courses at the 300-level and above not offered to freshmen. 
3 hrs
3 cr.

HIST 34251 - Britain Since 1689

Pluralism and Diversity
PD/D
GER
3/B

British history since the Glorious Revolution. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 34300 - England under the Tudors and Stuarts

GER
3/B

Government and society, 1485-1714. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 34600 - Churchill's Britain (W)

GER
3/B

The history of Britain and its
empire in the 20th century. The emphasis will be on the world wars and their impact on British military and diplomatic power, and thus on the spread of British imperial rule up to the 1920s, as well as on the changes the wars brought to the British economy, society and culture and, ultimately, the collapse of the empire after 1945. The major theme of the course will be how to understand Britain's "decline" in the 20th century. The rise and fall of the British imperial system and its transformation into a Commonwealth of nations.

Courses at the 300-level and above not offered to freshmen.

*prereq: ENGL 12000
3 hrs
3 cr.*

**HIST 37400 - Russia to the 20th Century**

*Pluralism and Diversity
PD/D
GER
3/B*

Political, socioeconomic and cultural development of Russia from its Kievan origins to the crisis of monarchy.

Courses at the 300-level and above not offered to freshmen.

*3 hrs
3 cr.*

**HIST 37500 - Late Imperial Russia and the Soviet Union**

*Pluralism and Diversity
PD/D
GER*
Political, socioeconomic and cultural development of late 19th and 20th century Russian and Soviet society. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 37600 - Soviet Foreign Policy**

**GER**
3/B

Objectives and strategies adopted by the Soviet government from the Russian Revolution of 1917 to the end of World War II. Courses at the 300-level and above not offered to freshmen.

*prereq: at least one course in 20th century Europe or European diplomacy is recommended*

3 hrs
3 cr.

**HIST 38400 - Problems in European History (W)**

**GER**
3/B

Intensive reading and research in selected topics. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000*

3 hrs
3 cr.
HIST 48400 - Problems in European History (Honors) (W)

GER
3/B

Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
3 hrs
3 cr.

HIST 15100 - The United States from the Colonial Era to the Civil War (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the time of the European settlements to the Civil War.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 15200 - The United States from the Civil War Era to the Present (W)

Hunter Core
US Experience in its Diversity (USED)
GER
1/C or 2/B

American political, social and cultural history from the Civil
War to the present.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 31600 - History of Religion in the United States

GER
3/B
Changing European churches and indigenous American sects; their architecture, leaders and ideas.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 31700 - History of the American City

Pluralism and Diversity
PD/D
GER
3/B
History of the American city from the Colonial era to the present; development of the city as physical environment, social experience, political entity and cultural symbol.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 31800 - History of the American Working Class (W)
Pluralism and Diversity
PD/D
GER
3/B

History of the American working class from Colonial times to the present; changing work experience, community life, organizational efforts and political activity of working people. Courses at the 300-level and above not offered to freshmen.

*prereq or coreq: ENGL 12000

3 hrs
3 cr.

HIST 35300 - History of New York City

GER
3/B

Urban development; emergence as the financial and cultural capital of the nation; ethnic and racial diversity; dynamics of economic and physical growth; problems of city politics. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 35400 - The American Colonies in the 17th Century (W)

GER
3/B

Comparative treatment of settlement in the Spanish, Portuguese, French, Dutch and English colonies.
Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 35500 - The American Colonies in the 18th Century (W)

GER 3/B

Social, political and cultural changes.

Courses at the 300-level and above not offered to freshmen.

prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 35600 - The Early Republic

GER 3/B

Politics and society in the period of Jefferson and Jackson; reform, expansion and change.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 35700 - American-Jewish History (W)

Pluralism and Diversity
PD/D
GER 3/B
Development of the American Jewish community; economic, political and social integration; cultural adaptation.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 35800 - 20th Century United States (W)

Pluralism and Diversity
PD/D
GER 3/B

Leading personalities and domestic problems of the U.S. Since 1900.
Courses at the 300-level and above not offered to freshmen.
prereq or coreq: ENGL 12000
3 hrs
3 cr.

HIST 35900 - Immigration and Ethnicity in the United States

Pluralism and Diversity
PD/D
GER 3/B

Experience of immigrant groups since Colonial times; motives for coming; economic and social adjustment; encounter with prejudice; ethnic institutions. Courses at the 300-level and above not offered to freshmen.
HIST 36100 - America and the World in the 20th Century

Pluralism and Diversity
PD/D
GER
3/B

The trajectory of American foreign relations during the last century, focusing on how and why the United States engaged other nations and peoples as it did. It also explores the ways in which developments overseas helped shape American domestic life.
Courses at the 300-level and above not offered to freshmen.
prereq: ENGL 12000
3 hrs
3 cr.

HIST 36200 - Biography and Autobiography in the History of the U.S.

GER
3/B

Studies of Americans prominent in politics, art and national life.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 36300 - American Cultural History
Pluralism and Diversity
PD/D
GER
3/B

An exploration of several significant themes in American cultural history from the late nineteenth through the late twentieth centuries. Through close readings of selected primary and secondary works (both written and visual) we will consider the meanings of popular, proto-mass, and mass culture as well as the nature of different levels of cultural tastes and styles in modern American history. Reflecting on the broader social and political context of these developments we will study a range of topics, including the myth of the self-made man, the role of the frontier and the cowboy, and critiques of mass consumer culture. Central to our historical examination of American culture will be an effort to appraise and describe: how American writers, artists, orators, cultural critics and everyday people constructed narratives (written, spoken, musical, visual) of identity for themselves along ethnic, racial, gendered, class-based and national lines; how the construction of those narratives were related to each other; and, how those narratives changed over time depending on specific political and social contexts.

Not open to students who took HIST 34174, the experimental version of this course.

3 hrs
3 cr.
HIST 36400 -
American
Constitutional
History, 1783 to
1900

Pluralism and Diversity
PD/D
GER
3/B

Development of
constitutional thought from
the framing of the Articles of
Confederation to 1900.
Courses at the 300-level and
above not offered to freshmen.
3 hrs
3 cr.

HIST 36500 -
American Economic
History

GER
3/B

Rural agrarianism to
advanced industrialism.
Political and social forces,
problems of capitalism, social
classes.
Courses at the 300-level and
above not offered to freshmen.
3 hrs
3 cr.

HIST 36600 - Role of
Women in American
History

Pluralism and Diversity
PD/D
GER
3/B

Women in all aspects of the
country's past; drive to
suffrage and its aftermath.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 36700 - Civil War and Reconstruction**

**Pluralism and Diversity**

**PD/D**

**GER**

3/B

Slavery, sectional conflict, political crisis of Union. New interpretations of postwar race relations.

Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 36900 - African American History in the United States**

**GER**

3/B

From the Colonial era to the present. Slavery, emancipation, social and cultural transformation, political turning points and economic issues.

Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 37000 - The West in American History**

**GER**

3/B
As an undeveloped area; westward expansion, Indian-white relations; paradoxes of government policy; the modern West.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 38300 - Problems in U.S. History (W)**

- GER 3/B

  Intensive reading and research in selected topics. Courses at the 300-level and above not offered to freshmen.
  - *prereq or coreq: ENGL 12000*
  - 3 hrs
  - 3 cr.

**HIST 48300 - Problems in U.S. History (Honors) (W)**

- GER 3/B

  Courses at the 300-level and above not offered to freshmen.
  - *prereq: perm chair*
  - *prereq or coreq: ENGL 12000*
  - 3 hrs
  - 3 cr.

**HIST 11100 - World History to 1500**

- Hunter Core
  - World Culture and Global Issues (WCGI)
  - Pluralism and Diversity
The rise of civilizations; technological and intellectual breakthroughs; classical cultures and empires; interregional connections; the spread of civilization across the globe. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 11200 - World History from 1500 to the Present

Hunter Core
World Culture and Global Issues (WCGI)
GER
2/B

The transition from relatively isolated individual cultures to an interrelated global network; the impact of the democratic and scientific revolutions; the development of nationalism and internationalism among the nations of the world. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 20800 - History of the Jews

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B
An introductory survey emphasizing how Jewish communities adapted to a wide range of environments during more than 3000 years of world history.

prereq or coreq: ENGL 12000

3 hours
3 credits

HIST 21000 - History of Judaism

GER 2/B

Survey of the Jewish religious tradition with attention to interactions between Judaism and other religions and to the role of Judaism in the formation of Christianity and Islam. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 27100 - Early History of Latin America

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.
HIST 27200 - History of Latin America in the 19th and 20th Centuries

Political, economic, social and cultural transformations contributing to the development of modern Latin America. Emphasis will be on major historical processes and their impact on the region's cultural diverse population. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27650 - Middle Eastern History from the Beginning of Islam to 1800 (W)

Pluralism and Diversity
PD/A
Religious, cultural and social changes in the region. The emergence of the religion of Islam, the expansion of the Islamic realm and the rise and fall of subsequent Islamic states up to the 18th century. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27651 - The Modern Middle East from 1800 to the Present (W)

Pluralism and Diversity
PD/A
The transformation of states and peoples in the last two centuries in the region stretching from Turkey to Iran and including Iraq, Syria,
Egypt and Arabia. Modern social and cultural trends, conflicts and reactions under the impact of imperialism, nationalism, economic trends and religious forces. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27700 - East Asia to 1600 (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Survey of traditional cultures and sociopolitical structures of China, Japan, Korea and Vietnam to about 1600 AD. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 27800 - East Asia, 1600 to the Present (W)

Hunter Core
World Culture and Global Issues (WCGI)
Pluralism and Diversity
PD/A
GER
2/B

Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD. Courses at the 300-level and above not offered to freshmen.
HIST 28800 - History of Africa to the 19th Century

Pluralism and Diversity
PD/A
GER
2/B

Survey of pre-colonial African societies with emphasis on economic and social institutions changing under the impact of the environment.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 28900 - Africa in the 19th and 20th Centuries (W)

Pluralism and Diversity
PD/A
GER
2/B

Historical explanation of independent Africa rising after colonialism and adjusting to modernization.
Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 30100 - History of the Ancient Near East

GER
3/B

Political and cultural
developments in Egypt, Mesopotamia, Syria-Palestine, Asia Minor, Persia ca. 3000 BCE to 323 BCE. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 30900 - Jewish History in the Ancient World**

Pluralism and Diversity
PD/A
GER
3/B

The Jewish people from its origins in late antiquity; social and intellectual developments from biblical to Talmudic times. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

**HIST 37300 - History of the Ottoman Empire (W)**

Pluralism and Diversity
PD/A
GER
3/B

This course comprises, chronologically and thematically, the history of the Ottoman Empire from the Turkic migrations in the 12th-century to the end of the empire in 1923 and the rise of nationalism in the Middle East. Fundamental knowledge of the history of the Middle East is recommended.

*prereq: ENGL 12000*
HIST 37700 - Ancient and Imperial China to 1800

GER 3/B

China's traditions and transformation from Neolithic times to the late-imperial period, emphasizing state/society relations and the development of the centralized bureaucratic political system; covers political, economic, religious and social developments. Courses at the 300-level and above not offered to freshmen.

HIST 37800 - China Since 1800

GER 3/B

Internal and external challenges to China's traditional order; the collapse of the imperial system and the establishment of a republic; the warlord period; the war against Japan; the civil war between Communist and Nationalist forces; China since the rise of the Communist Party to state power in 1949. Courses at the 300-level and above not offered to freshmen.

HIST 37900 - Japan to 1800
Pluralism and Diversity
PD/A
GER
3/B

Japanese history from Neolithic times to the late Tokugawa period, emphasizing political, social, religious and cultural developments. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 38000 - Japan since 1800

Pluralism and Diversity
PD/A
GER
3/B

Japan's remarkable transformation from the late Tokugawa to the present, emphasizing political, cultural and social-economic aspects of the Meiji Restoration, the rise of militarism and post-World War II developments. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 38500 - Problems in Non-Western History (W)

GER
3/B

Intensive reading and research in selected topics. Courses at the 300-level and above not offered to freshmen.
HIST 38900 - History of South Asia

GER
3/B
History of India and nearby countries from the ancient to modern times. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 39000 - History of Modern West Africa

GER
3/B
Impact of Islam, Christianity and colonialism. Analysis of African nationalism and problems of independence. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 48500 - Problems in Non-Western History (Honors) (W)

GER
3/B
Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
3 hrs
3 cr.
**HIST 14100 - Contemporary Issues in Historical Perspective (W)**

Selected themes in history that bear on current problems and situations.

*3 hrs*

*3 cr.*

**HIST 25000 - Historical Issues (W)**

**Pluralism and Diversity**
PD/B (HIST 25004 only)
Study of selected historical themes and issues. Topics vary each semester. May be taken a second time.
Courses at the 300-level and above not offered to freshmen.

*3 hrs*

*3 cr.*

**HIST 29000 - History Practicum (W)**

A seminar-style course intended to introduce students to the practice of historical research and writing. Students will be given a directed "hands-on" experience in conducting historical research and in the writing of research papers in measured, progressively challenging assignments. The course will prepare students to successfully engage in more self-directed, substantial and independent historical research projects in the future.

*prereq: ENGL 12000; 6 cr in history and permission of the department*

*3 hrs.*

*3 cr.*
HIST 29100 - Historical Methods

The study of history, its sources and its methods. Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

HIST 30000 - Historical Research (W)

GER
3/B

Independent research related to a prior upper-level course already completed under the supervising instructor. The research will result in an extensive paper.

Courses at the 300-level and above not offered to freshmen.

prereq: HIST 29000 and departmental permission

3 hrs
3 cr.

HIST 34100 - Topics in History (W)

GER
3/B

Exploration of major trends, special controversies or significant events; topics vary each term.

Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.
HIST 34122 - Latin American Political Economy

GER
3/B

courses at the 300-level and above not open to freshmen
3 hrs
3 cr.

HIST 34139 - African Influences in the Americas

GER
3/B

Courses at the 300-level and above not open to freshmen
3 hrs
3 cr.

HIST 38200 - Historical Studies Seminar

GER
3/B

Topics vary each term. Courses at the 300-level and above not offered to freshmen.
prereq: GPA 2.8; history GPA 3.5
3 hrs
3 cr.

HIST 39100 - Historical Restoration and Museum Work

GER
3/B

Introduction to museum work.
Courses at the 300-level and above not offered to freshmen.

3 hrs
3 cr.

**HIST 40000 - Historical Research [H]**

**GER**
3/B

The origins of history writing and the modern historical profession; modes of historical research; the evaluation of historical evidence; the historical and social uses of history. Recommended for all history majors. Required of students who wish to graduate with honors in history.

Courses at the 300-level and above not offered to freshmen.

**prereq:** not open to students who have completed fewer than 80 credits

3 hrs
3 cr.

**HIST 49200 - Honors Seminar in Historical Studies**

3 hrs
3 cr.

**HIST 49300 - Individual Tutorial Research Project**

**GER**
3/B

Research paper under individual supervision of faculty member.

Courses at the 300-level and
above not offered to freshmen.
prereq: perm chair and instr.
3 hrs
3 cr.

HIST 49800 - Internship

Work in professional institutions.
Courses at the 300-level and above not offered to freshmen.
prereq: perm chair
1-6 cr.

HIST 31500 - Christianity in Modern Times

GER
3/B

Not offered to freshmen.
Transformation of Christianity since the Reformation, Enlightenment and modern political and intellectual challenges.
3 hrs
3 cr.

HIST 11300 - 20th-Century World History

An introduction to broad trends and major themes of the world's history in the twentieth century.
prereq or coreq: ENGL 12000
3 hrs.
3 cr.

HIST 25015 - Rabbis, Radicals, and Racketeers: A
History of Jewish New York

This course will survey the history of New York City by focusing its Jewish inhabitants.
cross-listed 1S 35009
3 hrs.
3 cr.

HIST 25022 - Gender in Modern Jewish History

This course will explore how Jews over the past several centuries have understood, performed, and changed ideas related to gender, sexuality, and the family.
3 hrs.
3 cr.

HIST 26100 - History of Modern India and South Asia, 1526-the present

An introduction to the history of South Asia (India, Pakistan, Bangladesh, etc.) from 1526 to the present.
prereq or coreq: ENGL 12000
3 hrs.
3 cr.

Programs and Courses in Human Rights
Human Rights

Overview

The Human Rights Program examines the theory and practice of human rights, combining academic training with hands-on experience. By exploring the philosophical foundations and legal framework of human rights, as well as addressing current political, social and economic realities, the program seeks to give students the tools necessary to engage intelligently with contemporary human rights problems. Among the thorny issues students may examine are indigenous peoples' rights to natural resources, the limits of freedom of expression, the problem of corporate complicity in rights violations, the legitimacy of humanitarian intervention, and the problem of enforceability (both of economic, social, and cultural rights, and of civil and political rights).

An interdisciplinary program, the Human Rights Program offers courses in political science, anthropology, sociology and history, among other fields of study. Students may follow either of two academic tracks: a 15-credit Minor in human rights, or 24-credit Certificate. A key element of both tracks is the human rights internship, which gives students direct experience with the researchers, advocates, lawyers and analysts who make up the human rights
movement.
Both the Minor and Certificate in human rights are good preparation for a career in government, at a nongovernmental organization, or in a regional or international agency. Many students may choose to go on to law school, journalism school or a graduate program. Whatever their career choice, their knowledge of human rights will make them more thoughtful and informed citizens.

Programs and Courses in Human Rights

Programs and Courses in Human Rights

Administration and Faculty

Director of the Human Rights Program and Program Adviser:

Jessica Neuwirth, Program Director
Roosevelt House-RH 404
212-396-6564
jessica.neuwirth@hunter.cuny.edu

Program Manager:

JoAnne Vellardita
Roosevelt House-RH 401
212-396-7946
joanne.vellardita@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/
Program Associate:

Kelsey Adolphs
Roosevelt House-RH 401
212-396-7948
kadolphs@hunter.cuny.edu
http://www.roosevelthouse.hunter.cuny.edu/hrp/

Policy and Curriculum Committee

Carol Gould, Chair,
Professor, Philosophy; PhD
Yale University
http://www.hunter.cuny.edu/philosophy/faculty/carol-c.-gould

Yukiko Koga,
Associate Professor,
Anthropology; PhD
Columbia
http://www.hunter.cuny.edu/anthropology/faculty/staff/full-time-faculty/koga-yukiko

Marnia Lazreg, Professor,
Sociology, PhD New York University
http://www.hunter.cuny.edu/sociology/faculty/marnia-lazreg

Deborah Tolman, Professor,
Women & Gender Studies,
PhD Harvard University
http://www.hunter.cuny.edu/wgs/women-and-gender-studies-staff

John Wallach, Professor,
Political Science; PhD
Princeton University
http://www.hunter.cuny.edu/polsci/faculty/Wallach

Human Rights Certificate
24-credit Certificate in Human Rights

- 4 Core Required Courses from an approved list
  - HR 20000 Introduction to Human Rights: History, Discourse, Practice (W)
  - HR 25000 Human Rights Internship
  - HR 26000 Human Rights Internship Seminar (W)
  - HR 35000 Human Rights Capstone Seminar (W)
- 4 Elective Cognate Courses from an approved list

- The approved list of cognates comprises courses drawn from 18 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses. Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners. To be accepted into the Certificate program, a student must have at least completed HR 20000 with a B and have a cumulative GPA of 3.0.
Minor in Human Rights

The 15 credit minor in Human Rights consists of five 3 credit courses:

- 2 Core Required Courses
- Introduction to Human Rights (HR 20000)
- Internship in Human Rights (HR 25000)
- Elective Cognate Courses from an approved list
- The approved list of cognates comprises courses drawn from 16 academic departments and programs, giving students a wide range of traditional disciplinary perspectives to examine claims about the universal nature of human rights, their historical origins, social and cultural contexts that affect the understanding and status of human rights, and the relation of human rights to political conflicts and the presence or absence of economic well-being. Students
should work with the Human Rights Program adviser to put together an intellectually meaningful set of cognate courses. Complementing these elective courses offered by regular Hunter departments, the Human Rights Program itself offers special elective courses taught at Roosevelt House each semester by distinguished human rights practitioners. To be accepted into the Minor program, a student must have completed HR 20000 with a B and have a cumulative GPA of 3.0.

**HR 20000 - Introduction to Human Rights: History, Discourse, Practice (W)**

*Pluralism and Diversity*  
PD/D  
*GER*  
3/B  

An introduction to the study of human rights. It explores the historical, philosophical, and legal roots of human rights as a political idea and
institutionalized practice. It also addressed the contested nature of human rights as an idea and practice in contemporary societies. In addition to providing an introduction to the subject, the course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course. 

**prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.**

3 hrs

3 cr.

course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course. 

**prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.**

3 hrs

3 cr.

course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course. 

**prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.**

3 hrs

3 cr.

course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.

In order to pursue a Human Rights minor or Certificate, a student must receive at least a B (3.0) in this course. Students should take this introductory course in their sophomore year but must take it no later than the first semester of their junior year. This is a writing intensive course. 

**prereq: ENGL 12000 or equivalent; one course in ethics, political philosophy, political theory, sociological theory, or permission from the instructors.**

3 hrs

3 cr.

course is a requirement for students minoring in Human Rights or pursuing a Human Rights Certificate.
Topics in Human Rights

This course covers special topics in human rights. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international politics of human rights. This course will generally be offered every semester, and certainly at least every two years. The course may be repeated four times for credit with different topics.

prereq: ENGL 12000; HR 20000 is recommended but not required
3 hrs
3 cr.

HR 25000 - Human
Rights Internship

This is a practicum course. It involves students participating in an organization that identifies its mission as the promotion of human rights. The aim of the course is to educate students in the practical dimension of translating human rights discourse and law into practice. The course is required for students seeking a Human Rights Certificate or a minor in Human Rights.

prereq: ENGL 12000 or equivalent; HR 20000 or equivalent
3 hrs
3 cr.
fall, winter, spring, and summer

HR 26000 - Human Rights Internship Seminar (W)

This course critically evaluates the role of human rights organizations and human rights practices in determining the meaning and value of human rights.

prereq: ENGL
12000 and HR 20000
prereq or coreq: HR 25000
3 hrs
3 cr.
fall semesters on Wednesdays, 10:10 a.m. – 1:00 p.m. It is recommended that students not take an earlier Wednesday morning class, as site visits off campus may start at 10:00 a.m.

HR 32000 - Special Topics in Human Rights

This course covers special topics in human rights on an advanced undergraduate level. Topics vary from semester to semester, and will often include topics related to human rights in particular countries or regions of the world, or themes within the field of human rights. Some examples of themes would include: theoretical foundations of human rights; human rights and international justice; international organizations and human rights; and, domestic and international
politics of human rights. This course will generally be offered every semester, and certainly at least every two years. May be repeated four times for credit with different topics.

*prereq: ENGL 12000; HR 20000 or Permission of Instructor or Permission of Human Rights Program Director
3 hrs
3 cr.*

**HR 35000 - Human Rights Capstone Seminar (W)**

This course involves the theoretical examination of constitutive problems in the discourse and practice of human rights, especially as they would inform the composition of a human rights academic research project. It requires participating students to present their research projects in the seminar and to compose a 20-25 page research paper on a human rights topic.

This course is
specifically designed for students who are pursuing a Certificate in Human Rights. This is a writing intensive course. 

prereq or coreq: HR 26000
Offered spring only

Programs and Courses in Hunter-Bellevue School of Nursing

Hunter-Bellevue School of Nursing

Overview

The Hunter-Bellevue School of Nursing is located
at Hunter College’s Brookdale Health Science Center at 425 East 25th Street in Manhattan, near Bellevue Hospital. The School’s programs combine liberal and professional education with a humanistic and comprehensive approach to health care. The School’s mission is to provide quality nursing education to promote health and provide care to culturally diverse, urban, and global communities through research, scholarship, and service. The School’s programs combine liberal and professional education with a humanistic and comprehensive approach to health care.

The School offers three programs leading to the Bachelor of Science (with a major in nursing) degree: the Generic Program, for students who do not have an RN license; the RN to BS Program, for students who have completed a nursing program and have received or are about to receive a current RN license to practice.
professional nursing in New York State and the Accelerated 2nd Degree Program, for students who have already achieved a baccalaureate degree in another field of study and wish to transition into a nursing career. Information on applying to all of our programs is available at http://www.hunter.cuny.edu/nursing. In earning the Bachelor of Science (with a major in Nursing) degree, students in all programs complete core requirements and professional education curriculum requirements.

What can I do with my degree in Nursing?

Hunter-Bellevue Baccalaureate graduates are prepared to practice as generalist nurses in health care settings.
Programs and Courses

Programs and Courses in Hunter-Bellevue School of Nursing

Admission Requirements (all Programs)
• Admission Requirements (all Programs)
• GPA Requirements for Nursing Programs
• Attendance Requirements for Nursing
• Grading Policy for Nursing Courses

Licensing and Accreditation
• Accreditation
• Licensing
Centers

- The Health Professions Education Center (HPEC)

Administration

425 East 25th St.
New York, NY 10010
http://www.hunter.cuny.edu

Joan Hansen
Grabe Dean of Nursing

Gail C. McCain
530 Brookdale Campus West
(212) 481-7596

Associate Dean, Administration

Frank Flammino
600A Brookdale Campus West
(212) 481-7667

Acting Associate Dean, Research

Elizabeth Cohn
622 Brookdale Campus West
(212) 396-7202

Associate Dean of Undergraduate Programs
Generic, A2D and RN-BS Programs:

Mary Belmont
503 Brookdale Campus West
(212) 481-7146
(212) 481-4427 (fax)
Degree Map for Nursing: Generic Pathway

The degree map is a term-by-term sample course schedule to make it easier for you to understand how to graduate in four years with a Nursing: Generic major. The Degree Map is a tool to assist you and your advisor in planning your academic path to graduation. Use it along with the
program of study information for your major (found in the Hunter Catalog) and Degree Works (student degree audit system) to discuss your academic plan with your advisor. Courses required for the major, Hunter Core Requirement (HCR) courses, and elective classes must be selected to concurrently satisfy all Pluralism & Diversity and writing intensive requirements. Students are encouraged to consider pursuing a minor through the selection of electives. Your specific program of study could, and probably will, look different. You need to customize the Degree Map to fit your situation. Consult with your adviser about the best path for you.

Freshman Year

Fall

ENGL 12000 - Expository Writing

Hunter Core
English Comp (EC)
GER

I/A

Required of all students unless exempt. This course trains students to analyze, develop and evaluate ideas and to express themselves clearly and effectively. Introduction to documented research.

prereq: successful completion of developmental courses, if required

3 hrs + conf

3 cr.

STAT 11300 -
Elementary Probability
and Statistics

Hunter Core
Math/Quantitative
Reasoning

GER

I/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal
probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.

prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

CHEM 10000 (STEM) - Essentials of General Chemistry Lecture

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
GER
GER 2/E

Essential facts, laws, and theories of general chemistry. Primarily for nursing, nutrition and food science
CHEM 10100 - Inquiries into the Nature of Matter

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER
GER 2/E

A laboratory-based introduction to chemistry for non-science and health science majors that focuses on the basic principles of matter, energy and the environment. CHEM 10100 satisfies the laboratory requirements for a one-semester general chemistry course for health science students. Primarily for nursing, nutrition and food science and public health and community health education students. Core credit only if both lecture and the corresponding lab are completed.

prereq or coreq: MATH 10100 or 101EN or MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500

4 hrs (3 lec, 1 rec)
3 cr.
ENGL 22000 - Introduction to Writing about Literature (W)

Hunter Core
English Comp (EC)
GER
2/A

Analytical writing and close reading in British and American fiction, drama, poetry, and literary criticism, with an emphasis on further development of critical writing and research skills. Students gain a deeper understanding and appreciation of literature as well as more extensive experience with academic writing.

prereq: ENGL 12000
3 hrs + one additional conference hour
3 cr.

PSYCH 15000 - Human Development

GER
2/B
Development from conception to death; biological, physiological and social factors and their interactions at each stage.

*prereq:* PSYC 10000
3 hrs
3 cr.

**CHEM 12000 (STEM) - Essentials of Organic Chemistry Lecture**

**Hunter Core**
Life and Physical Sciences (LPS): Scientific World (SW)

**Pluralism and Diversity**
GER 2/E
Course presents essential facts, laws and theories of organic chemistry. Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and community health education students.

*prereq:* CHEM 10000
4 hrs (3 lec, 1 rec)
3 cr.

**CHEM 12100 (STEM) - Essentials of**
Organic Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E
Experiments designed to illustrate fundamental laws and techniques of organic chemistry. Core credit awarded only if CHEM 12000 and CHEM 12100 are completed. Primarily for nursing, nutrition and food science and public health students.

prereq: CHEM 10100
prereq or coreq: CHEM 12000
3 hrs (3 lab) 1.5 cr.

• Hunter Core

Sophomore Year

Fall

BIOL 12000 - Anatomy and Physiology I

Cell structure and function; histology; nervous, muscular and skeletal
NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.

RN to BS only: online

prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall
NURS 24000 - Foundations of Genetics for Nurses

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues. For RN to BS students only:
online
prereq: (generic) CHEM 10000/10100, STAT 11300;
(RN-BS) CHEM 10000/10100
coreq: (generic) NURS 20000, NURS 21000
30 hrs. lecture 2 cr.

• Hunter Core
• Hunte Core

Spring
BIOL 12200 - Anatomy and Physiology II

Structure and function of circulatory, digestive, excretory, endocrine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program. Not accepted for credit toward the biology major.

prereq: BIOL 12000 or equiv.

7hrs (3hr Lecture, 1hr Recitation, 1hr Lab)

4.5 cr.

spring only

BIOL 23000 - Fundamentals of Microbiology

GER 3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program. Not accepted for credit toward the biology Major I.

prereq: CHEM
NURS 21000 - Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are highlighted for all age groups.

Material fee: $50.00
prereq: (Generic) BIO 12000, NURS 20000, NURS 24000 (A2D)CHEM
10000/10100; STAT 11300
coreq: (Generic): BIO 12200, BIO 23000, NURS 34300
(A2D): NURS 20000; NURS 22000; NURS 33100
30 hrs Lecture; 30 hrs Health Assessment Lab; 45 hrs Clinical 4 cr.

**NURS 34300 - Pathophysiology and Nursing Care**

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd Degree: BIO
12200, BIO 23000; NURS 21000
coreq: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000
45 hrs
3 cr.

Junior Year

Fall

**NURS 38000 - Nursing Research and Theory**

Introduction to theory development and research in nursing.
For RN to BS only: online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs
3 cr.

**NURS 22000 - Adult Health and Illness**
This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utilization of the nursing process, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experiemental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00

prereq: (Generic): NURS 21000, NURS 34300, NURS 24000; BIO 12200, BIO 23000 (A2D): CHEM 10000/10100; STAT 11300
coreq: (Generic) NURS 33100; NURS 33200 (A2D): NURS 20000,NURS 21000, NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs.
NURS 33100 - Pharmacology I

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.

prereq: 1. Generic Program: NURS 21000; NURS 34300; BIO 12200
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300

coreq: 1. Generic Program: NURS 22000, NURS 33200
2. Accelerated 2nd Degree: NURS 20000; NURS 21000; NURS 22000

3 hrs
3 cr.

NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students
to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.

prereq: NURS 22000
30 hrs
2 cr.
- Hunter Core

Spring

NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy,
including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.

prereq: (Generic and A2D) NURS 22000; NURS 33100
coreq: (generic) NURS 35200; NURS 36000
(A2D) NURS 34300, NURS 35200, NURS 36000
3 hrs.
3 cr.

NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high
risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.

prereq: (generic & A2D) NURS 22000; NURS 33100
coreq: (Generic ) NURS 33900; NURS 36000 (A2D) NURS 33900, NURS 34300; NURS 36000
30 hrs. Lecture, 90 hrs. Clinical 4 cr.

NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system.
within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.

**prereq:** NURS 22000; NURS 33100 (generic & A2D)

**coreq:** (Generic) NURS 33900; NURS 35200 (A2D) NURS 33900, NURS 34300; NURS 35200

22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical

4 cr.

**NURS 35000 - Independent Study in Nursing**

An opportunity to explore a topic relevant to nursing which is of individual interest.

1-3 hrs

1-3 cr.

- Hunter Core
Senior Year

Fall

NURS 34900 - Foundations of Ethics and End-of-Life Care

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated "EL NEC Trained."

prereq: NURS 22000
coreq: NURS 45500; NURS 46000
This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team.
Material fee: $25.00

prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 45500
(A2D) NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

**NURS 45500 - Public Health Nursing**

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in
preparing communities to plan for and recover from natural and human-made disasters is also examined.

prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 46000
(A2D) NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.
• NURS Elective
• Hunter Core

Spring

NURS 47000 - Adult Acute Illness/Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and /or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of
systematic analysis of relevant research are discussed.

**prereq:** NURS 45500; NURS 46000

**coreq:** (Generic) NURS 42200; NURS 49000; NURS 49200

(A2D) NURS 42000; NURS 49000; NURS 49200

22.5 hrs: Lecture; 112.5 hrs: Clinical

4 cr.

**NURS 49000 - Gerontologic al Nursing**

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the
older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with inter-disciplinary health teams.

prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200 (A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr.

**NURS 49200 - Advanced Synthesis of Nursing Knowledge**

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts
that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.

**prereq:** (generic) NURS 33900, NURS 34900, NURS 45500, NURS 46000

(A2D) NURS 33900, NURS 45500, NURS 46000 (A2D)

**coreq:** (Generic) NURS 42200; NURS 47000; NURS 49000

(A2D) NURS 42000; NURS 47000; NURS 49000

22.5 hrs: Lecture, 30 hrs: Lab

2 cr.

**NURS 42200 - Health Policy and Leadership**

This final-semester course examines the roles of the professional nurse
in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses’ accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses’ roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
45 hrs: Lecture 3 cr.
• Hunter Core

Nursing Accelerated 2nd Degree Program
This program is designed for students who have a baccalaureate degree in another field and wish to transition into a career in nursing. The program is intensive; students receive a Bachelor of Science degree with a major in Nursing in 18 months provided they have met all general education requirements. The Accelerated 2nd Degree Program is a full-time program that includes weekends, daytime and evening classes.

Requirements for Admission

In order to be considered for admission into the Accelerated 2nd Degree Program, applicants must meet eligibility requirements and admission criteria. All students applying to the Accelerated 2nd Degree Nursing Program must have a baccalaureate degree from an accredited institution with a minimum cumulative GPA of 3.2 and a minimum grade of “B” in all
science courses by June 1 preceding their entrance into the program. Students who meet GPA and degree requirements are required to take the National League for Nursing Pre-admission-RN Examination in order to apply for admission into the program.

Students may take their last two required courses for admission during the spring semester of the admission process. Required courses must be taken for a grade: courses taken on a credit/no credit (CR/NC) basis will not be accepted. Students may not take required courses during the summer immediately preceding the fall entry into the program. Proof of successful completion of courses taken in the spring must be received by the School of Nursing by June 1. Because admissions decisions are made before the spring term ends, applicants with pending grades will be conditionally accepted until receipt of final grades. Acceptance
into the nursing major is based on the following admission criteria: composite admission score (GPA plus score on NLN Pre-Admission-RN Examination) and completion of all admission requirements. The composite scores are rank ordered from the highest to the lowest, and admission decisions are given to those applicants with the highest scores.

Requirements for the Degree:

69 non-nursing and 51 nursing credits

Accelerated 2nd Degree Program:

**NURS 20000 - Introduction to Nursing**

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of
service-learning are introduced.
RN to BS only: online

prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

NURS 21000 - Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common
health problems. Health promotion and maintenance strategies are highlighted for all age groups.

Material fee: $50.00

prereq: (Generic) BIO 12000, NURS 20000, NURS 24000

(A2D)CHEM 10000/10100; STAT 11300

coreq: (Generic): BIO 12200, BIO 23000, NURS 34300

(A2D): NURS 20000; NURS 22000; NURS 33100

30 hrs Lecture; 30 hrs Health Assessment Lab; 45 hrs Clinical 4 cr.

**NURS 22000 - Adult Health and Illness**

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utilization of the nursing process, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis
of research are introduced. Experimental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00
prereq: (Generic): NURS 21000, NURS 34300, NURS 24000; BIO 12200, BIO 23000
(A2D): CHEM 10000/10100; STAT 11300
coreq: (Generic) NURS 33100; NURS 33200
(A2D): NURS 20000, NURS 21000, NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical
4 cr.

**NURS 33100 - Pharmacology I**

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon
NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.

prereq: (Generic and A2D) NURS 22000; NURS 33100
coreq: (generic)
NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000
coreq: 1. Generic Program: BIO 12200, BIO 23000,
NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing
will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.

prereq: (generic & A2D) NURS 22000; NURS 33100
coreq: (Generic ) NURS 33900; NURS 36000
(A2D) NURS 33900, NURS 34300; NURS 36000
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of
wellness.
Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.

prereq: NURS 22000; NURS 33100 (generic & A2D)
coreq: (Generic) NURS 33900; NURS 35200 (A2D) NURS 33900, NURS 34300; NURS 35200
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical
4 cr.

NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only: online

prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs
3 cr.
NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200
NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.

prereq: (generic & A2D) NURS 35200; NURS 36000
NURS 46000 -
Mental and
Behavioral
Health
Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high
quality and safe client care in collaboration with other members of the health team.

Material fee: $25.00

**prereq:** (generic & A2D) NURS 35200; NURS 36000

**coreq:** (generic) NURS 34900, NURS 45500

(A2D) NURS 45500

30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs

Clinical 4 cr.

**NURS 47000 - Adult Acute Illness/ Immersion Clinical**

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and/or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.

**prereq:** NURS 45500; NURS
NURS 49000 - Gerontologic Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the
foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with inter-disciplinary health teams.

prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000; NURS 49200 (A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical 4 cr.

**NURS 49200 - Advanced Synthesis of Nursing Knowledge**

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students
will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.

prereq: (generic) NURS 33900, NURS 34900, NURS 45500, NURS 46000
(A2D) NURS 33900, NURS 45500, NURS 46000
22.5 hrs: Lecture, 30 hrs: Lab 2 cr.
Note: Students who fail a core prerequisite course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of "C" in all required nursing courses. Only one failed required nursing course is repeatable only once by students who have received a "D" or less. Students who fail a second required nursing course in the sequence may not repeat that course and may not continue in the major. This policy applies even though a grade appeal is in progress.

Generic Pathway Courses

Nursing Generic Program

**NURS 20000 - Introduction to Nursing**
Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.

RN to BS only: online

prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

NURS 33100 - Pharmacology I

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.

prereq: 1. Generic Program: NURS
NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes,
cancer and HIV/AIDS.

prereq: NURS 22000
30 hrs
2 cr.

NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only:
online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs
3 cr.

Accelerated Second Degree Pathway Courses

Nursing Accelerated 2nd Degree Program

NURS 20000 - Introduction to Nursing
Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.

RN to BS only: online

prereq: CHEM 10000/10100; STAT 11300

coreq: Generic Pathway: NURS 24000

Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100

30 hrs

2 cr.

offered fall

NURS 33100 - Pharmacology I

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.

prereq: 1. Generic Program: NURS
NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes,
cancer and HIV/AIDS.

**prereq**: NURS 22000
30 hrs
2 cr.

**NURS 34300 - Pathophysiology and Nursing Care**

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

**prereq**: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000

**coreq**: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200, NURS 36000; 45 hrs; 3 cr.

NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing. For RN to BS only: online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs; 3 cr.

NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in
health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000

coreq: NURS 47000; NURS 49000; NURS 49200

3 hrs

3 cr.

RN Pathway Courses

Nursing RN-to-BS

NURS 37900 - Nursing and Societal Forces in the Health Care
Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses.

Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service-learning are introduced.

For RN students only

online
3 hrs
3 cr.

NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing.
For RN to BS only:
online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS
22000; NURS
33100; NURS
33200
Accelerated 2nd
Degree: none
3 hrs
3 cr.

NURS 38100 -
Health
Assessment
Throughout
the Lifespan

Open to RN-BS
Program students
only. Analysis of
normal patterns of
wellness for
individual clients
with emphasis on
development of
assessment skills.
Fully online.
Material Fee: $45
prereq: CHEM
10000, CHEM
10100
3 hrs
3 cr.

NURS 48000 -
Promotion of
Wellness in
the
Community

Open to RN-BS
students only.
Examination of
family and
community patterns
as they relate to
individual clients of
all ages. Principles
of service-learning
are used in
community-based
clinical experiences
to promote civic
engagement.
NURS 48200 - Advancement of Roles and Relationships in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program. Fully online-hybrid.

Nursing Electives

NURS 34000 - Women's Health

Pluralism and Diversity
PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological,
NURS 34200 - Ethical Issues in Nursing Practice

Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

3 hrs
3 cr.

NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences...
as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

**prereq:** 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000

**coreq:** 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000
45 hrs
3 cr.

**NURS 34500 - HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers**

Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.

3 hrs
3 cr.
NURS 34600 - Death and Dying

Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.
3 hrs
3 cr.

NURS 35000 - Independent Study in Nursing

An opportunity to explore a topic relevant to nursing which is of individual interest.
1-3 hrs
1-3 cr.

NURS 35100 - Gender, Science and Technology

Pluralism and Diversity
PD/C
Explores the complex relationship between women and the sciences. cross-listed WGSS 35100
3 hrs
3 cr.

NURS 37900 - Nursing and
Societal Forces in the Health Care Delivery System

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses.
Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service-learning are introduced.
for RN students only

online
3 hrs
3 cr.

NURS 39998 - Urban Disaster Response and the Health Care Team

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and
insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.

3 hrs
3 cr.

NURS 44000 - Stress Management for Nurses

An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.

3 hrs
3 cr.

NURS 44100 - Selected Studies in Nursing Research

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.
prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs.
3 cr.

NURS 44200 - Nursing Care of Acute and Critically Ill Clients

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.
3 hrs
3 cr.

NURS 44500 - Teaching-Learning Across the Developmental and Health Continua

Pedagogical/androgogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.
3 hrs
3 cr.

NURS 45000 - Computer Concepts and Application in Nursing
Study of computing concepts, principles, practices, and applications in nursing and health care.
3 hrs
3 cr.

NURS 48300 - Politics of Health

An analysis of the relationships between politics and health status, health services and health care providers.
3 hrs
3 cr.

Leave of Absence Policy and Reserved Placement in a Clinical Course

A reserved placement in a clinical/field course will be held for the student for only one year from the date of the leave of absence. The School of Nursing cannot guarantee the placement for any longer period of time. It is the responsibility of the student to submit to the undergraduate program director a
letter of intent, one semester prior to returning to the program and enrolling in the course (April 1 for a fall course). Students who fail to follow this procedure release the School of Nursing from reserving a clinical/field placement in a course for the student.

**Nursing Generic Program**

The Hunter-Bellevue School of Nursing undergraduate program of study combines liberal arts and professional nursing education with a humanistic and comprehensive approach to health care, leading to a Bachelor of Science degree with a major in Nursing. At the completion of this generic program, students are eligible to take the National Council of State Boards Licensing Examination for RNs (NCLEX-RN). The undergraduate program also provides a foundation for
graduate study. The Generic Program consists of two parts:

- Non-nursing (liberal arts and core requirements)
- Nursing (professional nursing education)

Students are considered for admission to the school of nursing for the fall semester only, after completing non-nursing prerequisite courses and an application. Only students admitted to the School of Nursing are permitted to declare nursing as their major. Students admitted to the School of Nursing are required to attend the program on a full-time basis.

Requirements for Admission to Nursing Program

All students applying to the Generic Nursing Program must have a college GPA of 3.2 or above by the end of the fall semester preceding spring application.
• Courses taken prior to clinical nursing courses may not be taken on a Credit/No Credit basis.
• Required courses for admission to nursing major with a minimum GPA of 3.2 and a minimum grade of "B" in statistics and all science courses:
  • General Chemistry with lab (CHEM 10000/ CHEM 10100) or higher equivalent course
  • Organic Chemistry with lab (CHEM 12000/ CHEM 12100) or higher equivalent course
  • Introduction to Statistics (STAT 11300) or higher equivalent course
  • History (HIST 15100, HIST 15200 or POLSC 11000)
  • English Composition (ENGL 12000 and ENGL 22000)
  • General Psychology (PSYCH 10000)
  • Human Development (Developmental Psychology of the Life Span; PSYCH 15000)
• Students enrolled in required courses for admission to nursing major during the spring semester of
application must provide proof of a minimum cumulative GPA of 3.2 and a minimum grade of "B" in all science courses no later than June 1st in order to receive final acceptance to the nursing major.

- A career goal statement will be required.
- Complete the NLN RN Pre-Admission exam (referred to as the NLN PAX exam) which is administered in February at Hunter College Testing Center (150N)

Non-Nursing Program Requirements

For CUNY
Common Core-Required Core & CUNY Common Core-Flexible Core
go to General Education - Effective Fall 2019.

Nursing Program Requirements (120 credits)
Requirements for the degree:

60 non-nursing and 60 nursing credits.

**BIOL 12000 - Anatomy and Physiology I**

Cell structure and function; histology; nervous, muscular and skeletal systems; integument. Required for admission to the nursing program. Not accepted for credit toward the biology major.

*prereq: CHEM 10000, 10100  
coreq: CHEM 12000, 12100  
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)  
4.5 cr.  
fall only*

**BIOL 12200 - Anatomy and Physiology II**

Structure and function of circulatory, digestive, excretory, endocrine and reproductive systems. Basic concepts of metabolism, embryology. Required for admission to the nursing program. Not accepted for credit toward the biology major.
prereq: BIOL 12000 or equiv.
7hrs (3hr Lecture, 1hr Recitation, 3hr Lab)
4.5 cr.
spring only

BIOL 23000 -
Fundamentals of Microbiology

GER 3/B

Topics include scope, historical aspects, taxonomy, survey of the microbial world, viruses, infectious diseases, control of microorganisms and immunology. Required for admission to the nursing program. Not accepted for credit toward the biology Major I.

prereq: CHEM 10000, 10100 or equiv; BIOL 12000 or BIOL 10200
5 hrs (2 lec, 3 lab)
3 cr.
spring only

NURS 20000 -
Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of
nursing. The principles of service-learning are introduced.
RN to BS only: online

prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

NURS 21000 - Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of
the well person
with common
health problems.
Health promotion
and maintenance
strategies are
highlighted for all
age groups.

Material fee:
$50.00
prereq: (Generic)
BIO 12000, NURS
20000, NURS
24000
(A2D)CHEM
10000/10100; STAT
11300
coreq: (Generic):
BIO 12200, BIO
23000, NURS
34300
(A2D): NURS
20000; NURS
22000; NURS
33100
30 hrs Lecture; 30
hrs Health
Assessment Lab; 45
hrs Clinical
4 cr.

NURS 22000 -
Adult Health
and Illness

This class provides
a knowledge base
for effective
nursing care of
adult clients.
Students will gain
insight into the
management of
chronic illnesses.
Through utilization
of the nursing
process, the student's
role as client
advocate, patient
educator, and
caregiver are
further actualized.
Methods of systematic analysis of research are introduced. Experimental learning in a variety of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00

prereq: (Generic): NURS 21000, NURS 34300, NURS 24000; BIO 12200, BIO 23000
(A2D): CHEM 10000/10100; STAT 11300

coreq: (Generic) NURS 33100; NURS 33200
(A2D): NURS 20000, NURS 21000, NURS 33100

22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical
4 cr.

**NURS 24000 - Foundations of Genetics for Nurses**

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed.
Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.

For RN to BS students only:
online
prereq: (generic) CHEM 10000/10100, STAT 11300;
(RN-BS) CHEM 10000/10100
coreq: (generic) NURS 20000, NURS 21000
30 hrs. lecture 2 cr.

**NURS 33100 - Pharmacology I**

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.

prereq: 1. Generic Program: NURS 21000; NURS
NURS 33200 - Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro-and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and
HIV/AIDS.

prereq: NURS 22000
30 hrs
2 cr.

NURS 33900 - Pharmacology II

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.

prereq: (Generic and A2D) NURS 22000; NURS 33100
coreq: (generic) NURS 35200; NURS 36000
(A2D) NURS 34300, NURS 35200, NURS 36000
3 hrs.
3 cr.

NURS 34300 - Pathophysiology and Nursing Care
This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd Degree: BIO 12200, BIO 23000; NURS 21000
coreq: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000
45 hrs
3 cr.

NURS 34900 - Foundations of Ethics and End-of-Life Care
Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be designated "ELNEC Trained."

prereq: NURS 22000
coreq: NURS 45500; NURS 46000
45 hrs. lecture
3 hrs.

NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment,
care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health, Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.

prereq: (generic & A2D) NURS 22000; NURS 33100
coreq: (Generic ) NURS 33900; NURS 36000 (A2D) NURS 33900, NURS 34300; NURS 36000 30 hrs. Lecture, 90
hrs. Clinical
4 cr.

NURS 36000 - Nursing Care of Infants, Children, and Adolescents

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team.

prereq: NURS 22000; NURS 33100 (generic & A2D)
coreq: (Generic)
NURS 33900;
NURS 35200 (A2D)
NURS 33900, NURS 34300; NURS 34300; NURS
35200
22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical 4 cr.

**NURS 38000 - Nursing Research and Theory**

Introduction to theory development and research in nursing. For RN to BS only: online
prereq: Generic Program: NURS 21000 Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200 Accelerated 2nd Degree: none 3 hrs 3 cr.

**NURS 42200 - Health Policy and Leadership**

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered
nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses' roles in advocating on behalf of patients, themselves and the profession.

**prereq:** NURS 45500; NURS 46000  
**coreq:** NURS 47000; NURS 49000; NURS 49200  
45 hrs: Lecture 3 cr.

### NURS 45500 - Public Health Nursing

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of
human health is explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.

prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 46000
(A2D) NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.

NURS 46000 - Mental and Behavioral Health Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral
health care, including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team. Material fee: $25.00

prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 45500 (A2D) NURS 45500
30 hrs: Lecture, 15 hrs: Lab; 67.5 hrs Clinical
4 cr.

NURS 47000 - Adult Acute Illness/ Immersion Clinical
This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and/or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.

**prereq:** NURS 45500; NURS 46000

**coreq:** (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000; NURS 49000; NURS 49200

22.5 hrs: Lecture; 112.5 hrs: Clinical 4 cr.

**NURS 49000 - Gerontologic Nursing**

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and
theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with inter-disciplinary health teams.

prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 47000;
NURS 49200
(A2D) NURS 42000; NURS 47000; NURS 49200
30 hrs: Lecture; 90 hrs: Clinical
4 cr.

NURS 49200 - Advanced Synthesis of Nursing Knowledge

This course will serve as a review of essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.

prereq: (generic)
NURS 33900,
NURS 34900,
NURS 45500,
NURS 46000
(A2D) NURS 33900, NURS 45500, NURS 46000
46000 (A2D)
coreq: (Generic)
NURS 42200;
NURS 47000;
NURS 49000
(A2D) NURS
42000; NURS
47000; NURS
49000
22.5 hrs: Lecture,
30 hrs: Lab
2 cr.

Repeating a Course

Note: Students who fail a core prerequisite course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of "C" in all required nursing courses. Students who receive a grade of "D" or lower will be allowed to repeat the course only once. Students who fail a second required nursing course will be dismissed from the nursing program. This policy applies even if a grade appeal is in progress. Students who fail the clinical portion of a course will receive an "F" for the entire course, regardless
of the corresponding theory grade.

Leave of Absence Policy and Reserved Placement in a Clinical Course

A reserved placement in a clinical/field course will be held for the student for only one year from the date of the leave of absence. It is the responsibility of the student to submit to the undergraduate program Associate Dean a letter of intent, one semester prior to returning to the program and enrolling in the course (April 1 for a fall course). Students who fail to follow this procedure release the School of Nursing from reserving a clinical/field placement in a course for the student.

Degree Map for Nursing: Generic Pathway
Degree Map for
Nursing: Generic
Pathway

Nursing
RN-to-BS

The Hunter School of Nursing RN-to-BS program of study combines liberal arts and professional nursing education with a humanistic and comprehensive approach to health care, leading to a Bachelor of Science degree with a major in Nursing. The undergraduate program also provides a foundation for graduate study. The Program consists of two parts:

- Non-nursing (liberal arts and core requirements)
- Nursing (professional nursing education)

Admission Criteria:
RN-to-BS Program

An overall college GPA of 3.2 in addition to other requirements is the minimum requirement for consideration of an application. Admission to the
School of Nursing is competitive.

The program is designed for RN students who have already completed a two- or three-year nursing program. All RN students admitted to the program are required to submit evidence of NYS RN licensure, health insurance, medical records with specified immunizations, background check and drug test, and CPR certification prior to entering the first semester of the nursing major.

Applicants who are in the process of taking the licensing examination are admitted conditionally. Proof of receipt of an RN license must be submitted to the Hunter-Bellevue School of Nursing by December 1 for students admitted in the fall. Students unable to show proof of license will not be permitted to continue in the nursing major. Applicants to the RN-BS Program must have completed 36 credits of liberal arts and sciences (including credits in progress) at an accredited college,
plus the equivalent of 24 credits in nursing.

Students transferring from any accredited associate degree program in the United States will be granted 24 nursing credits for having a Professional Registered Nurse license. The Nursing Regents College Examinations (RCE'S) in Adult Nursing, Maternal and Child Nursing, and Psychiatric/Mental Health Nursing at the baccalaureate level are required for applicants from schools without accreditation, and for international graduates. A grade of "C" or better is acceptable.

Students should download a current RN Program Fact Sheet, which details the admission process, from the Hunter-Bellevue School of Nursing website at http://www.hunter.cuny.edu/nursing.

International applicants who need an F-1 or J-1 visa are not currently eligible for this program.
Lower Division: Hunter Core (66 credits)

Students entering Hunter with an AAS degree are required to complete Core, Pluralism and Diversity, and one writing course. Transfer students will have their transcripts evaluated upon admission by the admissions office. Courses for which equivalency is granted need not be repeated. Some transfer courses also may be used to satisfy Core requirements. For CUNY Common Core, Required Core & CUNY Common Core, Flexible Core go to General Education - Effective Fall 2019.

Non-nursing courses taken prior to admission to BS nursing courses at Hunter
Prerequisite Courses (courses meet Hunter Core as noted)

- English Composition (ENGL 12000 or transfer equivalent)* meets English Comp 1
- Introduction to Statistics (STAT 11300 or transfer equivalent)* meets M/QR
- General Psychology (PSYCH 10000 or transfer equivalent)
- Human Development (PSYCH 15000 or transfer equivalent)
- General Chemistry with Lab (CHEM 10000 (STEM) and CHEM 10100 or transfer equivalent) * meets LPS
- Anatomy & Physiology (BIOL 12000 & BIOL 12200 or transfer equivalent)
- Microbiology with lab (BIOL 23000 or transfer equivalent)

12.5 credits of science and math in addition to Statistics and Chemistry

Upper Division: Major
Requirements

Students partially fulfill the major requirements with 24 credits of nursing with their AAS degree or Regents Colleges Examinations. The remaining major courses are completed at Hunter:

NURS 20000 - Introduction to Nursing

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced.

RN to BS only: online

prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall
NURS 24000 - Foundations of Genetics for Nurses

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues.

For RN to BS students only: online

prereq: (generic) CHEM 10000/10100, STAT 11300;
(RN-BS) CHEM 10000/10100 coreq: (generic) NURS 20000, NURS 21000
30 hrs. lecture 2 cr.

NURS 33400 - Pathopharmacology

An intensive course focused on a molecular
understanding of the disease process. The course emphasizes physiological disruptions, associated nursing care, and pharmacological management. for RN students only

online

prereq: CHEM 10000/10100; BIOL 23000
4 hrs
4 cr.

**NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System**

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through the integration of knowledge from nursing, social sciences and public health. Principles of service-learning are introduced.
NURS 38000 - Nursing Research and Theory

Introduction to theory development and research in nursing. For RN to BS only:
online
prereq: Generic Program: NURS 21000
Accelerated 2nd Degree: NURS 22000
coreq: Generic Program: NURS 22000; NURS 33100; NURS 33200
Accelerated 2nd Degree: none
3 hrs
3 cr.

NURS 38100 - Health Assessment Throughout the Lifespan

Open to RN-BS Program students only. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills. Fully online.
Material Fee: $45
prereq: CHEM
10000, CHEM 10100
3 hrs 3 cr.

NURS 42300 - Foundations of Ethics and Palliative Care

An introduction to ethics and palliative care in nursing.

for RN students: online
prereq: CHEM 10000/10100; STAT 11300
3 hrs 3 cr.

NURS 48000 - Promotion of Wellness in the Community

Open to RN-BS students only.
Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement.
4 hrs 4 cr.

NURS 48200 - Advancement of Roles and Relationships
in Professional Nursing

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program. Fully online-hybrid.

3 hrs
3 cr.

NURS 49100 - Gerontology for Nurses

This course provides a knowledge and skill base for effective nursing care of older adult clients.

For RN students only
online
prereq: CHEM 10000/10100
3 hrs
3 cr.

Total upper division credits: 54
Total minimum credits required for degree: 120

Repeating a Course

Note: Students who fail a course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. In order to continue in the Nursing major, students must receive minimum grades of “C” in all required nursing courses. Students who receive a grade of “D” or lower in a clinical nursing course will be allowed to repeat the course only once. Students who fail a second required nursing course will be dismissed from the nursing program. This policy applies even if a grade appeal is in progress. Students who fail the clinical portion of a course will receive an “F” for the entire course, regardless of the corresponding theory grade.
The QB RN to BS program was developed ten years ago, allowing AAS graduates from Queensborough Community College who have their RN license to practice in New York State to enter Hunter in their junior year to take nursing courses to complete their BS degree. The nursing profession and health care delivery in general have evolved substantially since the RN to BS curriculum was created over 10 years ago. Students must learn more complex nursing content than ever before, and must be prepared to care for sicker patients than in the past. For example, in the current health care climate, patients are discharged after shorter hospitalizations than traditional practice, resulting in a population of patients with higher acuity and who require complex care by nurses. In addition, these
proposed changes are aligned with the American Association of Colleges of Nursing’s current Essentials of Baccalaureate Education for Professional Nursing Practice (2008). The online format matches the RN to BS curriculum (approved in 2015) and is responsive to the adult learner.

**Proof of graduation from the QB nursing program**

Submit proof of graduation from the QB nursing program prior to beginning course work. The licensing exam (NCLEX-RN) must be completed and proof of passing the exam must be submitted to the School of Nursing by the end of the first semester or a student will be unable to progress in the program.

**Curriculum**

Prerequisite requirements may not be taken on a Credit/No Credit
Prerequisite requirements with a minimum grade of "C" or its equivalent:

• General Chemistry with lab (CHEM 10000 (STEM), CHEM 10100 or higher equivalent course)
• Human Anatomy and Physiology I & II (BIOL 12000 &nbsp;BIOL 12200) 2 courses
• Introduction to Statistics (STAT 11300 or higher equivalent course)
• Microbiology with lab (BIOL 23000)
• English Composition (ENGL 12000)
• General Psychology (PSYCH 10000)
• Human Development (Developmental Psychology of the Life Span) (PSYCH 15000)

Nursing Dual Degree: Hunter/Queensborough Community College
This is an early entry into the RN-to-BS program for students at Queensborough Community College. They are granted acceptance to Hunter after their freshman year if they satisfy certain GPA and course requirements. See the Queensborough website for further information about this phase of the dual degree.

The Hunter portion of the curriculum follows the Nursing RN-to-BS curriculum with one exception. NURS 37900 Nursing and Societal Forces in the Health Care Delivery System is taken at QCC as NU-204.

**NURS 20000 - Introduction to Nursing**

Introduction to essential theories, concepts, and values of the nursing profession. Emphasis on understanding the practice and principles of nursing. The principles of service-learning are introduced. RN to BS only: online
prereq: CHEM 10000/10100; STAT 11300
coreq: Generic Pathway: NURS 24000
Accelerated 2nd Degree: NURS 21000; NURS 22000; NURS 33100
30 hrs
2 cr.
offered fall

NURS 21000 - Nursing Fundamentals and Health Assessment

This course is designed to provide students with the tools required to perform a comprehensive physical assessment and review of a client's history. The course will also introduce students to the nursing process, principles of infection control, and safety promotion. Students will learn inspection, auscultation, palpation, and percussion techniques. Emphasis is placed upon assessment of the well person with common health problems. Health promotion and maintenance strategies are
highlighted for all age groups.

Material fee: $50.00

prereq: (Generic)
  BIO 12000, NURS 20000, NURS 24000
  (A2D)CHEM 10000/10100; STAT 11300

coreq: (Generic):
  BIO 12200, BIO 23000, NURS 34300
  (A2D): NURS 20000; NURS 22000; NURS 33100

30 hrs Lecture; 30 hrs Health Assessment Lab; 45 hrs Clinical
4 cr.

**NURS 22000 - Adult Health and Illness**

This class provides a knowledge base for effective nursing care of adult clients. Students will gain insight into the management of chronic illnesses. Through utilization of the nursing process, the student's role as client advocate, patient educator, and caregiver are further actualized. Methods of systematic analysis of research are introduced. Experimental learning in a variety
of setting provide an opportunity for the student to promote, maintain and/or restore an optimum level of wellness in adult clients and families in collaboration with other members of the health team.

Material Fee $50.00

prereq: (Generic): NURS 21000, NURS 34300, NURS 24000; BIO 12200, BIO 23000 (A2D): CHEM 10000/10100; STAT 11300
coreq: (Generic) NURS 33100; NURS 33200 (A2D): NURS 20000, NURS 21000, NURS 33100
22.5 hrs Lecture, 30 hrs Lab, 67.5 hrs. Clinical 4 cr.

NURS 24000 - Foundations of Genetics for Nurses

This course explores the implications of genetics on nursing practice. The basic principles of gene action and inheritance models are reviewed. Innovations in genetics and genomics research are examined and consideration is given to potential
future clinical applications. This course will highlight the integration of genetic information into nursing practice including ethical, legal, and social issues. For RN to BS students only: online

prereq: (generic) CHEM 10000/10100, STAT 11300; (RN-BS) CHEM 10000/10100
coreq: (generic) NURS 20000, NURS 21000
30 hrs. lecture 2 cr.

**NURS 33100 - Pharmacology I**

The first course presenting essential pharmacological information with a focus on respiratory, cardiovascular, renal, gastrointestinal, and neurological systems. Emphasis is placed upon clinical applications and the nurse's role in drug therapy.

prereq: 1. Generic Program: NURS 21000; NURS 34300; BIO 12200
2. Accelerated 2nd Degree: CHEM 10000/10100; STAT 11300
-coreq: 1. Generic
Program: NURS
22000, NURS
33200
2. Accelerated 2nd Degree: NURS
20000; NURS
21000; NURS
22000
3 hrs
3 cr.

NURS 33200 -
Normal and Therapeutic Nutrition in the Nursing Process

This course introduces students to the principles of nutrition and their application to professional nursing practice. Examines macro- and micro-nutrients, the role of nutrition in disease prevention and health promotion throughout the life span. Nutrition-related nursing interventions are discussed for acute and critically ill patients and for patients with selected disorders including gastrointestinal and cardiovascular diseases, diabetes, cancer and HIV/AIDS.

prereq: NURS
22000
30 hrs
2 cr.
**NURS 33400 - Pathopharmacology**

An intensive course focused on a molecular understanding of the disease process. The course emphasizes physiological disruptions, associated nursing care, and pharmacological management. It is for RN students only.

*prereq: CHEM 10000/10100; BIOL 23000*

4 hrs
4 cr.

**NURS 33900 - Pharmacology II**

This course is designed to further explore essential pharmacological information. The class will build upon information provided in NURS 33100 and provide insight into additional topics in pharmacotherapy, including substance abuse, chemotherapy, alternative medicine, and medications acting on the immune and endocrine systems.
NURS 34300 - Pathophysiology and Nursing Care

This course examines biological mechanisms producing disruptions in homeostasis and resulting alterations in physiologic function. The course synthesizes knowledge and theories from nursing, psychosocial, and biological sciences as a foundation for the study of pathophysiology. Emphasis is placed on the molecular basis of illness, the resulting clinical manifestations, and key nursing interventions.

prereq: 1. Generic Program: BIO 12000; NURS 20000; NURS 24000
2. Accelerated 2nd
Degree: BIO
12200, BIO 23000; NURS 21000
coreq: 1. Generic Program: BIO 12200, BIO 23000, NURS 21000
2. Accelerated 2nd Degree: NURS 33900, NURS 35200; NURS 36000
45 hrs
3 cr.

NURS 34900 - Foundations of Ethics and End-of-Life Care

Core professional values and excellences, foundational ethical principles, and essential topics in end of life care will be introduced and explored during this course. Emphasis will be on acquiring generalized knowledge to enable the novice nurse to 1) apply ethical principles to practice, 2) develop the skills to practice with moral comportment and courage, and 3) understand the needs of the dying patient (and loved ones) in order to provide quality end of life care. At the completion of this course with required attendance for all modules, students will be
designated "ELNEC Trained."

prereq: NURS 22000
coreq: NURS 45500; NURS 46000
45 hrs. lecture 3 hrs.

NURS 35200 - Nursing Care of Women and Childbearing Families

The course focuses on the assessment, care, counseling, and education of women and childbearing families. Didactic and clinical learning opportunities focus on nursing practice with expectant mothers, neonates and their families in classroom and selected health care settings. This course provides the theoretical basis for the nursing management of healthy and high risk women and childbearing families. Standards and Guidelines for Professional Nursing Practice in the Care of Women and Newborns (7th edition) (2009) developed by the Association for Women's Health,
Obstetric and Neonatal Nursing will be utilized to emphasize the nurse's key role in providing evidence-based care that is developmentally and culturally appropriate.

**prereq:** (generic & A2D) NURS 22000;
NURS 33100
**coreq:** (Generic ) NURS 33900;
NURS 36000
(A2D) NURS 33900, NURS 34300; NURS 36000
30 hrs. Lecture, 90 hrs. Clinical
4 cr.

**NURS 36000 - Nursing Care of Infants, Children, and Adolescents**

This course provides an analysis of the biological, psychological, social, cultural and spiritual dimensions of the pediatric client as a member of a family system within a changing society. The learner is taught to provide care in the context of the client's developmental stage. Emphasis is on the application of the nursing process in health promotion, maintenance and/or
restoration to optimum levels of wellness. Experiential learning in a wide variety of settings provides the opportunity for the student to collaborate with other members of the nursing team. 

**prereq:** NURS 22000; NURS 33100 (generic & A2D)

**coreq:** (Generic) NURS 33900; NURS 35200 (A2D) NURS 33900, NURS 34300; NURS 35200

22.5 hrs: Lecture; 30 hrs: Lab; 67.5 hrs: Clinical

4 cr.

**NURS 37900 - Nursing and Societal Forces in the Health Care Delivery System**

Open to RN-BS Program students only. This is the first course in the RN-BS Program curriculum and must be taken prior to or in conjunction with other required nursing courses depending on the pre/co requisites of the courses. Exploration of health care dilemmas through
the integration of knowledge from nursing, social sciences and public health. Principles of service-learning are introduced for RN students only.

**online**

*3 hrs*

*3 cr.*

**NURS 38000 - Nursing Research and Theory**

Introduction to theory development and research in nursing. For RN to BS only:

*online*

**prereq:** Generic Program: NURS 21000

**Accelerated 2nd Degree:** NURS 22000

**coreq:** Generic Program: NURS 22000; NURS 33100; NURS 33200

*Accelerated 2nd Degree: none*

*3 hrs*

*3 cr.*

**NURS 38100 - Health Assessment Throughout the Lifespan**

Open to RN-BS Program students only. Analysis of normal patterns of wellness for
individual clients with emphasis on development of assessment skills. Fully online. Material Fee: $45

Prereq: CHEM 10000, CHEM 10100

3 hrs

3 cr.

NURS 42000 - Nursing Leadership and Ethics

In this course, students will examine the roles of the professional leadership in leading and managing health care services and ensuring ethical nursing practice. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services consistent with the ethical principles of the nursing profession. Students will be introduced to principles of coordinating care, including delegation and assignment of nursing tasks and functions. The course addresses nurses' roles in
advocating on behalf of patients, themselves and the profession.

prereq: NURS 45500; NURS 46000

coreq: NURS 47000; NURS 49000; NURS 49200

3 hrs

3 cr.

NURS 42200 - Health Policy and Leadership

This final-semester course examines the roles of the professional nurse in leading and managing health care services within a complex and evolving health system. The course examines trends in health care delivery and health policy, as well as registered nurses' accountability for delivering and overseeing the provision of safe, quality health care services. Principles of coordinating care, delegation and assignment of nursing tasks and functions, and collaboration with other health professions are addressed. The course examines nurses' roles in advocating on behalf of patients,
themselves and the profession.

prereq: NURS 45500; NURS 46000
coreq: NURS 47000; NURS 49000; NURS 49200

45 hrs: Lecture 3 cr.

**NURS 42300 - Foundations of Ethics and Palliative Care**

An introduction to ethics and palliative care in nursing.

for RN students: online

prereq: CHEM 10000/10100; STAT 11300

3 hrs 3 cr.

**NURS 45500 - Public Health Nursing**

In lectures and in supervised clinical experiences, the student examines the roles of nurses in planning, delivering and evaluating health programs and services for families, communities and populations. The impact of social, economic and environmental determinants of human health is
explored, as are tools for assessing the health status of communities and populations. The course introduces students to the global context of public and community health and examines nursing practice in areas including home health, environmental and school health. The role of nurses in preparing communities to plan for and recover from natural and human-made disasters is also examined.

prereq: (generic & A2D) NURS 35200; NURS 36000
coreq: (generic) NURS 34900, NURS 46000 (A2D) NURS 46000
30 hrs: Lecture, 90 hrs: Clinical
4 cr.

NURS 46000 - Mental and Behavioral Health Nursing

This course introduces the learner to assessment and common interventions for care of patients across the lifespan who require mental and behavioral health care,
including biological, psychological, social, cultural and spiritual dimensions of individuals. Disease/illness trajectories and their translation into clinical practice guidelines and standard procedures are considered in relation to their impact on providing culturally sensitive, person-centered care. Classroom, laboratory and clinical learning experiences in a variety of settings provide an opportunity for the student to practice delivering high quality and safe client care in collaboration with other members of the health team. Material fee: $25.00

**prereq:** (generic & A2D) NURS 35200; NURS 36000

**coreq:** (generic) NURS 34900, NURS 45500 (A2D) NURS 45500

| 30 hrs: Lecture, 15 hrs: Lab, 67.5 hrs Clinical | 4 cr. |

**NURS 46500 - Spirituality in Nursing Care**

This course prepares students to
value, assess and respond to the spiritual needs of patients in diverse populations and communities.
coreq: NURS 20000, NURS 21000
2 hrs.
2 cr.

NURS 47000 - Adult Acute Illness/Immersion Clinical

This course includes in-depth study of the biological, social, cultural and spiritual dimensions of the acutely and critically ill adults. Experiential learning in acute care settings provides an opportunity for the student to promote, maintain and/or restore an optimum level of health for these adults and their families in collaboration with other members of the health care team. Methods of systematic analysis of relevant research are discussed.
prereq: NURS 45500; NURS 46000
coreq: (Generic) NURS 42200; NURS 49000; NURS 49200
(A2D) NURS 42000; NURS 42000; NURS...
Nursing Care in Domestic and Global Disasters

This course prepares nurses to function clinically on a beginning level as a disaster team member. The focus is on triage of patients and leadership skills needed when social, health care and protective services have been disrupted due to natural or man-made disasters, including fires, earthquakes, floods, civil violence, and bioterrorism. Ethical and legal challenges to the scope of nursing practice are considered from the first responder's perspective.

Prereq: NURS 20000, NURS 21000, NURS 22000
2 hrs.
2 cr.

Promotion of Wellness in the Community
Open to RN-BS students only. Examination of family and community patterns as they relate to individual clients of all ages. Principles of service-learning are used in community-based clinical experiences to promote civic engagement.

4 hrs
4 cr.

**NURS 48200 - Advancement of Roles and Relationships in Professional Nursing**

Open to RN-BS Program students only. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalism of nursing. Principles of service-learning are reflected in the ongoing development of the professional role. This is the last course in the RN Program. Fully online-hybrid.

3 hrs
3 cr.

**NURS 48500 - Contemporary Issues in Domestic and**
Global Healthcare

Students investigate current topics affecting health care delivery nationally and internationally from social, political, economic and ethical perspectives. Topics include, but are not limited to, barriers to implementing affordable care, the influence of pharmaceutical conglomerates, health effects of mass immigration and disease prevention oversight. Students are expected to identify a developing issue and to prepare a response directed at legislators, professionals or a lay people, that is informative about the topic in a written format for possible publication. The course is structured to support the importance of life-long learning.

prereq: NURS 20000, NURS 21000, NURS 22000, NURS 35200, NURS 36000

coreq: NURS 45500, NURS 46000
NURS 49000 - Gerontologic al Nursing

This course provides a knowledge and skill base for effective nursing care of older adults. Evidence-based practice and theories guide the student in assisting the older adult and his/her family in understanding and managing health related issues in the aging process. The course includes an in-depth study of the biological, psychological, social, cultural and spiritual dimensions of the older adult client as a member of families and community systems within a changing society. The students learn to do a comprehensive assessment of the older adult using valid and reliable assessment tools. The nursing process is used as the foundation to assist the older adult to attain an optimal level of health. Concepts from related disciplines are explored as they impact on the promotion, maintenance and/or
restoration of health. Experiential learning in a variety of settings provides the opportunity for the student to collaborate with inter-disciplinary health teams.

**NURS 49100 - Gerontology for Nurses**

This course provides a knowledge and skill base for effective nursing care of older adult clients.

For RN students only

online

**prereq:** CHEM 10000/10100

3 hrs

3 cr.

**NURS 49200 - Advanced Synthesis of Nursing Knowledge**

This course will serve as a review of
essential concepts and skills from the nursing curriculum. Students will focus on those concepts that they need to improve for the successful practice of professional nursing. Students will utilize the Hunter-Bellevue School of Nursing Learning Laboratory to review clinical skills practiced throughout the nursing curriculum. Students will also take a comprehensive examination to determine their mastery of professional nursing content.

prereq: (generic) NURS 33900, NURS 34900, NURS 45500, NURS 46000 (A2D) NURS 33900, NURS 45500, NURS 46000 (A2D)
coreq: (Generic) NURS 42000; NURS 47000; NURS 49000 (A2D) NURS 42000; NURS 47000; NURS 49000

22.5 hrs: Lecture, 30 hrs: Lab 2 cr.

NURS 34000 - Women’s Health
Pluralism and Diversity
PD/C
Designed to identify and analyze those factors which impact on the health status of women: biological, sociological, psychological, environmental, political.

3 hrs
3 cr.

NURS 34200 - Ethical Issues in Nursing Practice
Open to RN-BS and senior Generic Program students only. Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

3 hrs
3 cr.

NURS 34500 - HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers
Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.
3 hrs
3 cr.

NURS 34600 - Death and Dying

Pluralism and Diversity
P/D B
Provides an overview of current theories, concepts, and practices associated with death, dying and end-of-life care.
3 hrs
3 cr.

NURS 35000 - Independent Study in Nursing

An opportunity to explore a topic relevant to nursing which is of individual interest.
1-3 hrs
1-3 cr.

NURS 35100 - Gender, Science and Technology

Pluralism and Diversity
PD/C
Explores the complex
relationship between women and the sciences.
cross-listed WGSS 35100
3 hrs
3 cr.

NURS 39998 - Urban Disaster Response and the Health Care Team

Provides the student with an understanding of the causes, prevention, and mitigation of disasters and insight into the disaster management system nationally and locally. The course will include content relevant to all disciplines in the disaster care continuum and focus on each individual health care member's role and responsibilities within these systems.
3 hrs
3 cr.

NURS 44000 - Stress Management for Nurses

An overview of stress and its effect upon behavior within the
framework of the holistic man-wellness model.

3 hrs
3 cr.

**NURS 44100 - Selected Studies in Nursing Research**

Honors course. Utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.

prereq: NURS 31000, 31200, 33100, 33200, 38000, 38100
3 hrs.
3 cr.

**NURS 44200 - Nursing Care of Acute and Critically Ill Clients**

Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.

3 hrs
3 cr.

**NURS 44500 - Teaching-Learning Across the Development**
Pedagogical/andragogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and/or restoration of health.
3 hrs
3 cr.

**NURS 45000 - Computer Concepts and Application in Nursing**

Study of computing concepts, principles, practices, and applications in nursing and health care.
3 hrs
3 cr.

**NURS 48300 - Politics of Health**

An analysis of the relationships between politics and health status, health services and health care providers.
3 hrs
3 cr.

**NURS 49500 - Writing for Health Professionals**
In this course, students explore and refine their powers of observation, description, and expression through writing. Students engage in prompted narrative writing exercises and produce new out-of-class writings that are discussed in small groups and revised. The cultural and personal context in which writing is produced and read is emphasized. Scholarly and literary works are discussed, as are blogs. Students are guided to explore and test strategies for overcoming personal challenges to timely, effective writing.

*prereq: ENGL 12000
12000
45 hrs.
3 cr.*

Programs and Courses in Latin America
Latin American and Caribbean Studies

Overview

Latin American and Caribbean Studies is an interdisciplinary program that offers students the opportunity to learn about the history, culture, politics, society, and political economy of the region and its relations with the United States. The LACS program, in collaboration with the Hunter College Education Abroad Office, has offered study-abroad programs in Argentina, Costa Rica, and Brazil in recent years.
Programs and Courses

Programs and Courses in Latin American & Caribbean Studies

Administration and Faculty

Program Office:

1716 West
(212) 772-5680
Website:
http://www.hunter.cuny.edu/lacsp

Faculty

Latin American and Caribbean Studies Faculty

HEGIS Code:
0308

Latin American and Caribbean Studies - BA

The specialization in Latin American
and Caribbean Studies as a major leading to a BA degree consists of 24 credits. The core courses for the major are drawn from the social sciences, humanities, and arts. Following the program's goal of exposing the region's realities from the perspectives of various disciplines, no more than two courses from any single department may count for the 24 major credits. The program recommends that students take a 12-credit minor in one of the associated disciplinary departments. Students select courses for the major in consultation with the program's director or with a member of the Latin American and Caribbean Studies Faculty Advisory Committee. The interdisciplinary specialization of the major will serve graduates well, whether they choose to seek employment in public or private organizations, pursue professional degrees, or go on to a graduate degree in
the social sciences or humanities.

**Hunter Core Requirement**

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

**CR/NC Policy**

No CR/NC grades will be accepted in courses to meet LACS major requirements.

**Courses Required for the**
Major (24 credits)

Language Requirement: Latin American and Caribbean Studies majors are required to demonstrate a reading knowledge of Spanish, Portuguese, or French, fulfilled at least one semester before graduation from the college.

LACS students are required to take either LACS 33000 (a field course for students to study or intern in the region or intern in an institution in the New York area) or LACS 43400 (a course that comprises preparation of a major original research paper to be developed in close association with a mentor from the Latin American and Caribbean Studies Faculty Advisory Committee). ENGL 12000 is a prerequisite for program courses.

LACS 33000 - Latin America and the Caribbean Field Course/Internship
A field course for students to study in the region or who are interning in an institution either in the New York area or in the region. Major research paper based on field or internship experience. 3 cr.

LACS 43400 - Seminar in Latin American and Caribbean Studies

Open to sophomores, juniors, and seniors who have completed at least 18 credits in LACS or have instructor permission. Interdisciplinary reading, research, and discussion of selected topics involving cultural, economic, political, and social problems. Research paper required. May be repeated for a maximum of 6 edits. 3 cr.

Course Offerings for LACS

21 credits from the courses below.
Africana and Puerto Rican/Latino Courses

**AFPRL 10200**
- Latino Communities in the United States
  - Pluralism and Diversity
  - PD/B
  - GER
  - 2/B
  - Migration, ethnicity, community life and public policy issues of Latino groups compared to the Puerto Rican experience.
  - 3 hrs
  - 3 cr.

**AFPRL 10300**
- Conquest and Resistance: Puerto Rican Experiences in Comparative Perspective
  - Hunter Core
  - Individual and Society (Social Sciences) - I&S SS
  - Pluralism and Diversity
  - PD/B
  - GER
  - 2/B
Introductory study of the Puerto Rican experience compared with experiences of Native and African Americans, Chicanos and Pacific Island peoples in the territorial expansion of the United States.
3 hrs
3 cr.

**AFPRL 21000**
- Introduction to Caribbean History: 1900 - Present

**Hunter Core**
World Culture and Global Issues
**Pluralism and Diversity**
PD/A
GER
2/B

Introduction to the major themes in Caribbean history after 1900.
**prereq: ENGL 12000**
3 hrs
3 cr.

**AFPRL 23700**
- African Caribbean Literature (W)

**Pluralism and Diversity**
PD/A or B
GER
2/A
Introduction to the historical development and major artistic preoccupations of Caribbean literature. The course is conducted in English; all course requirements are in English.

Prereq: ENGL 12000
3 hrs
3 cr.

AFPRL 24100 - Puerto Rican History to 1897
Pluralism and Diversity
PD/A
GER
2/B

An examination of Taino society, Spanish colonialism, slave economy and the development of nationhood in the 19th century.
3 hrs
3 cr.

AFPRL 24200 - Puerto Rican History Since 1898
Pluralism and Diversity
PD/A
GER
2/B

Sociohistorical, political and economic analysis
of Puerto Rico
dating from the
U.S. invasion to the
present.
3 hrs
3 cr.

**AFPRL 24300**
- **Puerto Rican Culture**

**Hunter Core**
World Culture and Global Issues (WCGI)
**Pluralism and Diversity**
PD/A or B
**GER**
2/C

General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.
3 hrs
3 cr.

**AFPRL 24400**
- **Puerto Ricans in the United States**

**Pluralism and Diversity**
PD/B
**GER**
2/B

Survey of the origins, contemporary and future development of Puerto Ricans in the United States.
3 hrs
3 cr.
AFPRL 25500
- Puerto Rican/Latino Children in North American Schools

Pluralism and Diversity
PD/B
Survey of educational system viewed as an acculturating institution.
3 hrs
3 cr.

AFPRL 29000
- Selected Topics in Africana and Puerto Rican/Latino Studies

Pluralism and Diversity
PD/A or B
Topics change according to instructor.
3 hrs
3 cr.

AFPRL 30800
- Contemporar y International Relations of the African-Caribbean (W)

GER
3/B
Examination of the use of foreign policy for economic development in the Caribbean and as an instrument of transformation.

prereq: AFPRL 20700 or 21000 or perm instr.
3 hrs
3 cr.

**AFPRL 31900 - Women in the African Diaspora (W)**

*Pluralism and Diversity*
PD/B or C
GER 3/B

The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance and in sustaining African culture and values.

cross-listed WGSC 32900 (W)

prereq: AFPRL 20400 or 20900 or 21000 or perm instr.
3 hrs
3 cr.

**AFPRL 32000 - African-Caribbean Culture (W)**

*Pluralism and Diversity*
PD/A or B

**GER**

3/A


*prereq: AFPRL 20900 or 21000 or 22200*

3 hrs

3 cr.

**AFPRL 33700 - Caribbean Women Writers (W)**

**GER**

3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, creolization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these works.

*cross-listed WGSA 33700 (W)*

*prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000*

3 hrs

3 cr.
AFPRL 35600
- Latino
Literature in
English (W)

Pluralism and
Diversity
PD/B
GER
3/A

Latino writing in
English in the U.S.;
analysis of cultural,
linguistic and
ideological factors
as found in the
work of such
authors as Sandra
Cisneros (Chicana),
Pedro Pietri (Puerto
Rican) and Oscar
Hijuelos (Cuban-
American).
3 hrs
3 cr.

AFPRL 38700
- Puerto
Rican/Latino
Politics in the
United States
(W)

Pluralism and
Diversity
PD/B
GER
3/B

An analysis of the
political
participation and
leadership of Puerto
Ricans and other
Latinos in the
United States.
prereq: either
AFPRL 10200,
24200 or 24400 or
perm. Instr.
AFPRL 39000 - Research Topics in Africana and Puerto Rican/Latino Studies (W)

GER 3/A or B

Topics change according to instructor. Open to Jr/Sr only.

3 hrs
3 cr.

AFPRL 42800 - Selected Topics in Africana and Puerto Rican/Latino Studies: Social Science

Pluralism and Diversity
PD/B
GER 3/A or B

Topics change according to instructor. Pluralism and diversity requirements are dependent on the topic course.

prereq: perm dept.
3 hrs
3 cr.
AFPRL 44500
- Caribbean Short Story in Spanish: Readings and Theories

**GER**
3/A

A critical study of the short story genre in the Hispanic Caribbean viewed in conjunction with contemporary literary theory.

*prereq or coreq: SPAN 20800*
3 hrs
3 cr.

**Anthropology**

ANTHC 40100
- Seminars in Selected Topics

Topics TBA.

**Economics**

ECO 33000 - Economic Development

*Pluralism and Diversity*
PD/A
GER
3/B

Critical variables explaining the diversity of growth and economic
development outcomes across developing countries. Theories, case studies, measurement and policies.

prereq: ECO 20000
3 hrs
3 cr.

History

HIST 27100 - Early History of Latin America

History and cultures of Amerindian groups in Central and South America and the Caribbean; encounter and multiple interactions of European and African cultures with indigenous societies; development of Iberian colonial systems and cultures within the Americas. Courses at the 300-level and above not offered to freshmen.
3 hrs
3 cr.

HIST 34122 - Latin American Political Economy

GER
3/B
courses at the 300-level and above not open to freshmen
3 hrs
3 cr.

**HIST 34139 - African Influences in the Americas**

**GER**
3/B

Courses at the 300-level and above not open to freshmen
3 hrs
3 cr.

**Music**

**MUSHL 24000 - Music of the Caribbean and Latin America (W)**

**Pluralism and Diversity**
GER 3/A PD/A
Origin and development of Caribbean and Latin American musical styles and their impact on the United States and other parts of the world.
prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 101, or perm instr.
3 hrs
3 cr.
MUSHL 22100
- Black Music in the Americas (W)

Pluralism and Diversity
PD/B
GER
3/A

The origins, history, and evolutionary progression of Black music in the Americas; shared musical practices and resources in the multicultural matrix of the United States in particular and the hemisphere in general.

prereq: ENGL 12000; one of the following: MUSHL 10100, 10700, 20500, MUSTH 10100, or perm instr.
3 hrs
3 cr.

Political Science

POLSC 25300
- Government and Politics in Latin America (W)

Pluralism and Diversity
PD/A
GER
3/B

Ideology,
revolution, authoritarianism, democracy, institutions, class structure, distribution of wealth and power, political and economic development.
cross-listed LACS 43405
prereq: ENGL 12000 or its equivalent
3 hrs
3 cr.

POLSC 26200 - Government and Politics in Central America (W)

Pluralism and Diversity
PD/A
GER 3/B

Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences and revolutionary and evolutionary roads to modernization.
cross-listed LACS 43429
prereq or coreq: ENGL 12000 or its equivalent
3 hrs
3 cr.
POLSC 27100 - International Politics in the Americas (W)

Pluralism and Diversity
PD/A
GER
3/B

Dynamics of US relations with Latin American countries from the colonial era through the Cold War to the present, and of relations of Latin American countries with each other and with extra-hemispheric nations.
*cross-listed* LACS 43432
*prereq: ENGL 12000 or its equivalent*
3 hrs
3 cr.

POLSC 28100 - Drugs, Politics and Public Policy (W)

GER
3/B

Examination of public policies addressing drug use and abuse in the United States and other countries with emphasis on political and cultural determinants, economic and
market factors, constitutional implications and United States foreign policy. 

prereq: ENGL 12000
3 hrs
3 cr.

Romance Languages - Spanish

SPAN 26400 - Contemporary Spanish Literature in Translation

Cela, Lorca, Unamuno, Ortega y Gasset. Taught in English. This course is designed for students who want to become acquainted with Spanish culture. Cannot be credited toward the major and are not recommended for the minor. 

prereq: ENGL 12000
3 hrs
3 cr.

SPAN 27600 - Readings in Modern Spanish-American Literature

Representative writers: Borges,
Neruda, Cortazar, Garcia Márquez.
prereq: SPAN 20200, 20300, 20800, 21100 or four yrs high school Spanish or dept. perm.
3 hrs
3 cr.

SPAN 33600 -
Latin American Civilization

GER 3/A
Geographical, historical, political, literary, artistic and economic evolution of Latin American nations. Given in Spanish.
prereq: SPAN 20800, 21100 or dept. perm
3 hrs
3 cr.

SPAN 34100 -
Introduction to Hispanic Literature I

Pluralism and Diversity
PD/D
GER 3/A
Prerequisite or corequisite to most courses in major sequence. Basic interpretive and research skills for Spanish majors and other qualified students through
study of key works of Spanish and Spanish-American authors.
prereq or coreq: SPAN 31100 or dept. perm
3 hrs
3 cr.

SPAN 34200 - Introduction to Hispanic Literature II

Pluralism and Diversity
PD/D
GER
3/A

prereq: SPAN 34100
coreq: SPAN 31200
3 hrs
3 cr.

SPAN 36400 - Spanish-American Modernism and Post-modernism

GER
3/A

Modernist and post-modernist authors.
prereq: SPAN 34100
3 hrs
3 cr.

SPAN 49100 - Honors Course in Spanish: Special Studies in
Contemporary Latin American Literature

Open to Jr/Sr only. Group meetings, conferences, oral and written reports.
prereq: major GPA of 3.2, cum GPA of 2.8; perm adviser
3 hrs
3 cr.

Sociology

SOC 30700 - Migration

Pluralism and Diversity
PD/B
GER
3/B

Economic, demographic, political and cultural factors influencing migration and the consequences of migration.
prereq: SOC 10100
3 hrs
3 cr.

SOC 32502 - Sociology of Human Rights: Violation and Protection

GER
3/B

prereq: SOC 10100, perm instr.
SOC 32506 - Latin American Societies

GER 3/B

prereq: SOC 10100, perm instr.
3 hrs
3 cr.

SOC 32519 - Economic Development and Social Inequality in Latin America

GER 3/B

prereq: SOC 10100, perm instr.
3 hrs
3 cr.

SOC 36100 - Development and Globalization (W)

Pluralism and Diversity
PD/A
GER 3/B

This course will examine the effort of poor countries to achieve economic and social development, and the possible
outcomes of that effort. Effects on social relations and the living standards of the poor majority; the purposes of development, the strategies for development that have been adopted, and the theories which attempt to explain why countries do or do not grow economically.

prereq: SOC 10100
3 hrs
3 cr.

Women and Gender Studies

WGSA 33700
- Caribbean Women Writers (W)

GER
3/A

A study of some of the major preoccupations of Caribbean fiction, such as history, migration/travel, colonization, memory and language, from the perspectives of selected women writers, paying close attention to the historical, intellectual and cultural contexts that stimulated the production of these
works. 
cross-listed AFPRL 33700 
prereq: AFPRL 23600 or 23700 or ENGL 22000 or WGS 10000 
3 hrs 
3 cr. 

WGS 20005 - Dominican and Haitian Literature and Culture

3 hrs 
3 cr. 

Departmental Honors

LACS majors with a GPA above 3.5 are eligible to receive the Lily Mage Award.

Study Abroad

Study abroad is encouraged for LACS majors. Study-abroad programs are offered through the Education Abroad Programs office at Hunter College.

Programs and Courses in
Mathematics & Statistics

Mathematics and Statistics

Overview

Mathematics has many aspects: it is the language and tool of the sciences, a cultural phenomenon with a rich historical tradition, and a model of abstract reasoning. The course offerings and the major in Mathematics reflect these multiple facets. The Mathematics major provides a broad education in various areas of mathematics in a program flexible enough to accommodate many ranges of interest. The major introduces students to the fundamental areas of mathematics and provides some degree of specialization in one or more areas.
areas. It trains students in the analytic thinking characteristic of pure and applied mathematics and provides familiarity with rigorous methods of mathematical proof. In addition to the standard Mathematics Major, the department offers a number of specialized undergraduate tracks for students interested in pursuing careers in bioinformatics or in preparing for teaching: the concentration Quantitative Biology, the concentration Preparation for Adolescent Education (Grades 7-12), and the concentration Preparation for Childhood Education (Grades 1-6).

What can I do with my degree in Mathematics and Statistics?
The Mathematics major prepares students for careers in business, government, research and teaching. The study of statistics provides the student with analytical tools that may find application in various fields within the sciences and social sciences. Bioinformatics is a rapidly developing area open to students in statistics with a working knowledge of computing and biological sciences. Actuarial science is one area open to students in statistics who also have backgrounds in such subjects as computer science, mathematics and economics.

Credit and Course Exemption

The department offers credit or course exemption based on standard examinations such as AP. Inquiries should be made at the department office.
Mathematics Proficiency and Placement

All students entering Hunter College must demonstrate proficiency in the basic skills through their scores on the mathematics assessment exam. Exemptions are given for SATs, ACT, NY Regents, and for certain other entrance categories. The placement exam further assesses a student's preparedness for certain courses in mathematics, statistics, and other disciplines at the college. Students may enroll in these courses only if their scores on the placement exam are at appropriate levels or if they have taken college courses in the required mathematics. Students who need to place into courses by examination and have not taken the placement exam are advised to schedule
the test with the Testing Center, Room 150 Hunter North, 212-772-4868, http://hunter.cuny.edu/testingcenter, well in advance of registration. Students should notice the mathematics and statistics prerequisites that are indicated in the descriptions of courses and majors so they can effectively plan their studies.

Programs and Courses

In planning their schedules, prospective majors should note that some advanced required courses are offered only once each year and several advanced elective courses are offered only once every other year. A rotation schedule for course offerings is available in the departmental office and on the departmental website http://math.hunter.cuny.edu.

Prerequisites: Because of the nature of mathematics, the department
recommends that students refrain from enrolling in any course that carries prerequisites unless these prerequisites have been completed with a grade of C or better.

- Programs and Courses in Mathematics & Statistics
- Minor in Logic - a minor consisting of courses from three disciplines: computer science, mathematics and philosophy

Administration and Faculty

Chair:
Barry Cherkas
919A East
(212) 772-5300

Department Office:
919 East
(212) 772-5300
fax (212) 772-4858
Web site:
http://math.hunter.cuny.edu

Dolciani Mathematics Learning Center:
Hunter East, 7th Floor Library – Silverstein Student
Faculty

Mathematics and Statistics Faculty

HEGIS Codes:
1701 (BA; BA/MA in Mathematics, Adolescent Education/Mathematics); 1701/1703 (BA/MA in Mathematics/Statistics and Applied Mathematics);
1702 (BA in Statistics);
1702/1703 (BA/MA in Statistics/Statistics and Applied Mathematics)

Mathematics - BA

The major consists of at least 33 credits of coursework: 24-41 credits of core mathematics and statistics courses and 9 credits of advanced elective courses chosen by students according to their career plans. Proficiency in symbolic computation is also required. Modifications are permitted with the consent of the mathematics adviser. With permission of the adviser, a student
may take graduate courses in statistics or mathematics. Mathematics majors interested in bioinformatics should refer to the requirements for the Mathematics Major with a Concentration in Quantitative Biology - BA. Upon completion of Math 260, Mathematics Majors interested in the BA/MA program should contact the Graduate Adviser.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education -
Effective Fall 2019.
In the case of the Mathematics major, the courses that meet CCCR are:

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*
4 hrs
4 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B
Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.
STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.
Courses
Required for the Major

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Calculus Sequence
(0-17 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential
functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12550 (STEM) - Precalculus with Workshop
This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week. Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

**prereq:** MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken
MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity,
differentiation and integration of elementary functions and trigonometric functions, applications.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

MATH 15500 (STEM) -
Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

4 hrs
4 cr.

* These courses may be counted for credit
in more than one program.

Required Math Courses (24 Credits)

**MATH 15600 - Introduction to Mathematical Proof Workshop**

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

*prereq: MATH 15000*

*prereq or coreq: MATH 15500*

2 hrs

1 cr.

**MATH 25000 - Calculus III**

**GER**

3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple
integration.  
prereq: MATH 15500, MATH 15600  
4 hrs  
4 cr.

**MATH 25400 - Ordinary Differential Equations**

**GER**  
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.  
prereq: MATH 25000  
3 hrs  
3 cr.

**MATH 25500 - Vector Analysis**

**GER**  
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.  
prereq: MATH 25000  
3 hrs  
3 cr.
MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications. 
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

MATH 31100 - Abstract Algebra I

GER
3/B

Introduction to the theory of groups and rings. 
prereq: MATH 26000
3 hrs
3 cr.

MATH 35100 - Mathematical Analysis I

GER
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous
functions.
prereq: MATH 25000, 26000
3 hrs
3 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

* These courses may be counted for credit in more than one program.
Elective Courses (9 credits)

The student must complete three 3-credit mathematics or statistics courses chosen from the 300-or 400-level courses in mathematics or statistics listed by the department and approved by the undergraduate mathematics adviser. Factors affecting the choice of electives will include the student's career goals (preparation for graduate study; education; careers in business, government service or industry), the student's other major, where applicable, and the availability of courses due to the course rotation schedule.

Symbolic Computation Proficiency Requirement (0-3 credits)

As a requirement for graduation with a BA in Mathematics, students must
demonstrate entry level proficiency in symbolic computation. The requirement can be met in any of the following ways:

a) passing any of

- MATH 12600 Precalculus Technology Laboratory
- MATH 15400 An Introduction to Symbolic Computation
- MATH 38500 Numerical Methods I

b) passing a departmental exam in a computer algebra system (currently we use MATHEMATICA or the equivalent)

*These courses may be counted for credit in more than one program.

**Teacher Education Pathway**

Students planning to teach this subject in grades 7-12 should look at the School of Education: Program List for information about their programs that lead to the recommendation for New York State Initial Certification required to be a
lead teacher in NYS public schools.

Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000, STAT 48600, or any 700-level MATH or STAT course and by presenting a major GPA of at least 3.6.

- MATH 49000 Honors Seminar or STAT 48600 Modeling and Visualization

Degree Map

Degree Map for Mathematics BA

Mathematics BA

The major introduces students to the fundamental areas of mathematics and provides some degree of specialization in one or more areas. It trains students in the analytic thinking characteristic of pure and applied
Mathematics and provides familiarity with rigorous methods of mathematical proof. In addition to the standard Mathematics Major, the department offers a number of specialized undergraduate tracks for students interested in pursuing careers in bioinformatics or in preparing for teaching: the concentration Quantitative Biology, and the concentration Preparation for Childhood Education (Grades 1-6).

(See Adolescent Mathematics, Grades 7-12 - BA for Mathematics grades 7-12)

- Mathematics - BA
- Mathematics Concentration in Preparation for Childhood Education (Grades 1-6) - BA
- Mathematics Major with a Concentration in Quantitative Biology - BA

Mathematics Concentration
This concentration constitutes a mathematics major for students in the Quality Urban Elementary School Teacher (QUEST) program. QUEST students majoring in mathematics are not exempt from the MATH 10400 (STEM)/MATH 10500 requirement. To enter this major, the student should have completed one semester of calculus (MATH 15000 (STEM) or the equivalent). The specified collateral major is Childhood Education. This mathematics major consists of at least 32 credits of coursework: 20 credits of major core curriculum courses and at least 12 additional credits, as described below. The student should consult the School of Education for the sequence of teacher education courses in the Childhood Education.
Major Core Curriculum (20 credits)

**MATH 15400** - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their results.

*prereq: MATH 15000*

2 hrs
1 cr.

**MATH 15500 (STEM)** - Calculus II

*Hunter Core*
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental...
functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

MATH 16000 - Matrix Algebra

GER 1/B

Systems of linear equations, matrices, determinants,
introduction to vector spaces and linear transformations, applications.  
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam  
3 hrs  
3 cr.

MATH 25000 - Calculus III

GER 3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.  
prereq: MATH 15500, MATH 15600  
4 hrs  
4 cr.

MATH 26000 - Linear Algebra

GER 3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.  
prereq: MATH 15600  
prereq or coreq: MATH 25000
STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

Additional Required Courses (at least 12 credits)

STAT 21200 - Discrete Probability
**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

*prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.*

3 hrs
3 cr.

**STAT 22000 - Statistical Analysis in Forensics**

**GER**
3/B

A second course in probability and statistics and the evaluation of evidence in the forensic sciences.

*prereq: STAT 21200 and either STAT 21300 or 11300 by permission of instructor. One of the above, i.e., STAT 21200 or STAT 21300 or STAT 11300 by*
Mathematics Major
with a Concentration in Quantitative Biology - BA

This program is for students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry. Students interested in this concentration in the mathematics major should consult the BioInformatics adviser.

Hunter Core
Requiremen
nt

Several courses
within this major
may fulfill parts of
the Hunter Core
Requirement
(CUNY Common
Core Requirement
[CCCR],
Concurrent
Requirements).
When selecting
courses, it may be
to a student's
advantage to
choose courses that
count toward the
Hunter Core
Requirement and
also advance the
student on the path
to the major.
Details on the
Hunter Core
Requirement can be
found here: General
Education -
Effective Fall 2019.
In the case of the
Mathematics major
with a
concentration in
Quantitative
Biology, the
courses that meet
CCCR are:

**MATH 12500**
(STEM) -
Precalculus

**Hunter Core**
Math/Quantitative
Reasoning
**GER**
I/B

Functions and their
graphs: polynomial, rational,
exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

**prereq:** grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a
MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression,
analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam

3 hrs
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (63-80 credits)

Core Courses (30-47 credits)

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College
prerequisites. See the Mathematics and Statistics department for details.

Calculus Sequence (0-17 credits)

Based on placement exams or transferred courses, students may place into some more advanced courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

*prereq: appropriate
score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative
Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus. Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550. 4 hrs 4 cr.
This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

Limits, continuity, differentiation and integration of elementary functions and trigonometric
functions, applications. 
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test. 
4 hrs 
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates. 
prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

Required Math Courses (30 credits)

MATH 15600 - Introduction
to
Mathematical
Proof
Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

MATH 25000 -
Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600
4 hrs
4 cr.

MATH 25400 -
Ordinary Differential Equations
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.

**prereq:** MATH 25000
3 hrs
3 cr.

**MATH 25500 - Vector Analysis**

GER
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.

**prereq:** MATH 25000
3 hrs
3 cr.

**MATH 26000 - Linear Algebra**

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.
**MATH 31100 - Abstract Algebra I**

**GER**
3/B

Introduction to the theory of groups and rings.

*prereq: MATH 26000

3 hrs
3 cr.

**MATH 35100 - Mathematical Analysis I**

**GER**
3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.

*prereq: MATH 25000, 26000

3 hrs
3 cr.

**STAT 21300 (STEM) - Introduction to Applied Statistics**

*Hunter Core
Math/Quantitative*
Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

STAT 31100 - Probability Theory

GER
3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr.

STAT 31900 - Bayesian Statistical Inference in the Sciences
GER
3/B


prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).

Prerequisites waived for students who have passed STAT 311.

Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs
3 cr

** Note:
The symbolic proficiency
Additional Required Courses (33 credits)

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
GER
2/E

An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition.

This course cannot be counted towards the CSCI major.

prereq: none
3 hrs
3 cr.
CSCI 23200 - Relational Databases and SQL Programming, with Lab

GER
3/B

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition; students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

prereq: CSCI 12700 or CSCI 13200
3 hrs
3 cr.

CHEM 10200 (STEM) - General Chemistry I

Hunter Core
Scientific World (SW); Life and Physical Sciences (LPS)
In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for premed, medical laboratory sciences and science majors.

prereq or coreq: MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500
5 hrs (4 lec, 1 rec) 4 cr.

CHEM 10400 (STEM) - General Chemistry II

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.
prereq: CHEM 10200 with grade of C or better
CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
GER 2/E
Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.
prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B
reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
Pluralism and Diversity
PD/C or D
GER 2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.
Material Fee: $5
PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH
12550 or MATH
15000 or MATH
15200 or MATH
15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 20300 -
Molecular
Biology and
Genetics

This course
includes a detailed
examination of the
fundamental
principles of gene
expression. The
processes of DNA
replication,
transcription,
mRNA processing,
micro RNA
function, and
translation will be
extensively
covered.
Prokaryotic and
eukaryotic systems
will be described.
Classical
Mendelian as well
as molecular
genetics principles
will be covered in
the lecture through
a discussion of
several model
systems. Important
genetic processes
such as
recombination,
transposition and
DNA repair will be
discussed in-depth.
The course will
provide a modern
view of the concept
of the gene, and
introduce basic
bioinformatics
analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100) coreq: CHEM 22200, 22300 or perm instr.
7 hrs
4.5 cr.
spring only

**BIOL 42500 - Computational Molecular Biology**

**GER**
3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of *in silico* biology, i.e., the application of computational and statistical methods to solving problems in molecular
biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core course required for bioinformatics-concentration students from all majors.

**prereq:** BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

3 hrs
3 cr.

**Note**

*These courses may be counted for credit in more than one program.

**Honors**
A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000 or STAT 48600, by presenting a major GPA of at least 3.6 and by achieving a satisfactory rating on a comprehensive examination.

- MATH 49000 Honors Seminar or STAT 48600 Modeling and Visualization

Degree Map for Mathematics:
Quantitative Biology

Degree Map for Mathematics: Quantitative Biology

Statistics - BA

The statistics major consists of at least 33 credits of coursework: 30-47 credits of core mathematics and statistics courses and any additional
3-credit statistics, mathematics, or computer science course approved by the statistics adviser. Modifications are permitted with the consent of the statistics adviser. With permission of the adviser, a student may take graduate courses in statistics and applied mathematics.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019. In the case of the Statistics major, the
courses that meet CCC are:

**MATH 12500 (STEM) - Precalculus**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

*prereq: grade of C or better in MATH 10100 or appropriate score on placement exam*

*4 hrs*

*4 cr.*

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Limits, continuity, differentiation and
integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.

**MATH 15500 (STEM) - Calculus II**

**Hunter Core**
Math/Quantitative Reasoning

**GER 1/B**

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

**prereq:** grade of C or better in MATH 15000

4 hrs
4 cr.

**STAT 21200 - Discrete Probability**
Hunter Core
Math/Quantitative Reasoning
GER
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.

3 hrs
3 cr.

STAT 21300
(STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction,
appropriate statistical software. 
prereq: MATH 12400 or MATH 12500 or MATH 12550 or 
appropriate score on placement exam 
3 hrs 
3 cr.

Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major

Core Courses (30-47 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics
Calculus Sequence (0-17 credits)

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing
increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and
analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus. Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550. 4 hrs 4 cr.

MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning.
including proofs that use methods of direct proof, indirect proof, and mathematical induction.

**prereq:** MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

**MATH 15000 (STEM) - Calculus I**

**Hunter Core**
Math/Quantitative Reasoning

**GER**
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

**prereq:** MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.

4 hrs
4 cr.
MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

* These courses may be counted for credit in more than one program.

Other Required Math Courses (30 credits)

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among
them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**prereq:** MATH 15000

**prereq or coreq:**
MATH 15500

2 hrs
1 cr.

**MATH 25000 - Calculus III**

**GER**
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**prereq:** MATH 15500, MATH 15600

4 hrs
4 cr.

**MATH 25400 - Ordinary Differential Equations**

**GER**
3/B

First-order equations, second-order linear equations and linear systems, power series solutions,
transform and numerical methods, introduction to qualitative theory.

**prereq:** MATH 25000
3 hrs
3 cr.

**MATH 26000 - Linear Algebra**

**GER**
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications,
**prereq:** MATH 15600
**prereq** or **coreq:** MATH 25000
4 hrs
4 cr.

**STAT 21200 - Discrete Probability**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Combinations, permutations, discrete probability. Characteristics of probability distributions. Model building. Additional topics like sampling, random walks or game theory will be introduced from
time to time.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

STAT 21300
(STEM) -
Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

STAT 21400 -
Data Analysis Using Statistical Software
Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building
prereq: STAT 21300 or MATH 12400 or MATH 12500 or MATH 12550 and STAT 11300 with grade of C or better in each course.
3 hrs
3 cr.

**STAT 31100 - Probability Theory**

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr.

**STAT 31200 - Stochastic Processes**

Discrete and continuous stochastic processes including Markov chains, birth processes, queues
and Brownian motion.

**STAT 31300 - Introduction to Mathematical Statistics**

**GER**

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.

* These courses may be counted for credit in more than one program.

**Elective Courses (3 credits)**

The student must complete one additional 3-credit statistics or mathematics course approved by the undergraduate statistics adviser.
Actuarial Sequence

A student interested in actuarial work should take the following courses. Students are also encouraged to take courses in accounting, economics and computer science. A student majoring either in Statistics or Mathematics could also complete the Actuarial Sequence as a part of his/her major requirements. A review for the Actuarial Exams is not a part of the curriculum, however, and it is left to the individual student to study for and take those exams.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications. 
prereq: MATH 12550 with a grade of B- or better; or
MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.
Prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of
proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

**MATH 25000 - Calculus III**

**GER**
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

**prereq:** MATH 15500, MATH 15600

**4 hrs**
4 cr.

**MATH 26000 - Linear Algebra**

**GER**
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

**prereq:** MATH 15600
prereq or coreq:
MATH 25000
4 hrs
4 cr.

STAT 31100 - Probability Theory
GER
3/B
Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr.

STAT 31300 - Introduction to Mathematical Statistics
GER
3/B
Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.
prereq: STAT 31100
3 hrs
3 cr.

Degree Map
Degree Map for Statistics
Statistics
BA

The study of statistics provides the student with analytical tools that may find application in various fields within the sciences and social sciences. Bioinformatics is a rapidly developing area open to students in statistics with a working knowledge of computing and biological sciences. Actuarial science is one area open to students in statistics who also have backgrounds in such subjects as computer science, mathematics and economics. In addition to offering the Statistics Major, the department has a specialized undergraduate track for students interested in pursuing a career in bioinformatics: the concentration in Quantitative Biology. The BA/MA in Statistics and Applied Mathematics offered by the department provides enrichment for undergraduate statistics majors.
Programs

- Statistics - BA
- Statistics Major with a Concentration in Quantitative Biology - BA
- Mathematics or Statistics and Applied Mathematics - BA/MA

Honors

A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 49000, STAT 48600, or any 700-level MATH or STAT course, and by presenting a major GPA of at least 3.6.

MATH 49000 - Honors Seminar

GER
3/B

prereq: MATH 31100, 35100, departmental permission
3 hrs
3 cr.

Statistics Major with a
Concentration in Quantitative Biology - BA

For students intending to pursue research careers in biomedical sciences. It provides students with a working knowledge of computing and biological sciences for bioengineering careers in bioinformatics, the pharmaceutical industry, and the biotechnology industry. Students interested in this concentration in the statistics major should consult the bioinformatics adviser.

Hunter Core Requirement

Several courses within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core Requirement [CCCR], Concurrent Requirements).
When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education - Effective Fall 2019.

In the case of the Statistics major with a concentration in Quantitative Biology, the courses that meet CCC are:

<table>
<thead>
<tr>
<th>Course</th>
<th>CUNY Common Core Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 12500</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>MAT 15000</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>MAT 15500</td>
<td>Math/Quantitative Reasoning</td>
</tr>
<tr>
<td>STAT 21200</td>
<td>Math/Quantitative Reasoning</td>
</tr>
</tbody>
</table>
Please note that no more than two courses from any one department will count for the CUNY Common Core Requirement.

Courses Required for the Major (63-80 credits)

Core Courses (30-47 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Calculus Sequence (0-17 credits)

Based on placement exams or transferred courses, students may place
into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

MATH 10100 -
Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)
3 cr.

-or-

MATH 101EN -
Algebra for College
Students - Enhanced

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100.

prereq: Department Permission
6 hrs
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for
manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.

2 hrs
1 cr.

MATH 12400 (STEM) -
College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus
should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus. Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550.

4 hrs
4 cr.

-or-

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions
to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.

prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

-or-

MATH 12550 (STEM) - Precalculus with Workshop

This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem.
In addition to lecture, students are also required to attend a 50-minute recitation session once a week.

Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken MATH 12500.

5 hrs (4 hrs lecture, 1 hr recitation)

4 cr.

**MATH 14000 - Mathematical Reasoning Workshop**

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.
prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.
2 hrs
1 cr.

MATH 15000
(STEM) -
Calculus I

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test.
4 hrs
4 cr.

MATH 15500
(STEM) -
Calculus II

Hunter Core
Math/Quantitative
Reasoning

GER

1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

Prereq: grade of C or better in MATH 15000

4 hrs

4 cr.

Other Required Math Courses (30)

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential and integral calculus.

Prereq: MATH 15000

Prereq or coreq: MATH 15500
MATH 25000 - Calculus III

GER
3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.

prereq: MATH 15500, MATH 15600

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces, linear transformations, canonical forms, inner product spaces, bilinear forms, applications.

prereq: MATH 15600

prereq or coreq: MATH 25000

MATH 25400 - Ordinary Differential Equations

GER
3/B
First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory. 
**prereq:** MATH 25000
3 hrs
3 cr.

-or-

**MATH 35400 - Dynamical Systems and Chaos**

**GER**
3/B

Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete one-dimensional dynamical systems. 
**prereq:** MATH 25000, 26000
3 hrs
3 cr.

**STAT 21200 - Discrete Probability**

**Hunter Core**
Math/Quantitative Reasoning
**GER**
1/B

Combinations, permutations, discrete probability. Characteristics of
probability distributions.
Model building.
Additional topics like sampling, random walks or game theory will be introduced from time to time.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

STAT 21300
(STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Sampling, estimation, tests of hypotheses, including one-and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.
STAT 21400 - Data Analysis Using Statistical Software

GER
3/B

Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building
prereq: STAT 21300 or MATH 12400 or MATH 12500 or MATH 12550 and STAT 11300 with grade of C or better in each course.
3 hrs
3 cr.

STAT 31100 - Probability Theory

GER
3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
3 hrs
3 cr.

STAT 31200 - Stochastic Processes

GER
3/B
Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.

prereq: STAT 31100
3 hrs
3 cr.

STAT 31300 - Introduction to Mathematical Statistics

GER
3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.

prereq: STAT 31100
3 hrs
3 cr.

Additional Required Courses (33 credits)

CSCI 13200 - Practical UNIX and Programming, with Lab

Hunter Core
Scientific World (SW)
An introduction to computer programming and the UNIX operating system using Perl. Conceptual overview of the UNIX operating system and programming environment, a practical introduction to shell programming, and the use of UNIX filters and utilities. A pragmatic course with an emphasis on skills acquisition. This course cannot be counted towards the CSCI major.

prereq: none
3 hrs
3 cr.

CSCI 23200 - Relational Databases and SQL Programming, with Lab

An introduction to elementary database concepts and SQL, the standard language for communicating with most database systems. A pragmatic course with an emphasis on skills acquisition;
students will learn how to get things done quickly and easily in a database environment. Required for computer science minors; open to computer science majors, but may not be used toward the computer science major.

**CHEM 10200 (STEM) - General Chemistry I**

**Prerequisite:** CSCI 12700 or CSCI 13200

3 hrs

3 cr.

**CHEM 10200 (STEM) - General Chemistry I**

**Hunter Core Scientific World (SW); Life and Physical Sciences (LPS)**

**GER 2/E**

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science majors.

**Prerequisite or Corequisite:** MATH 12400 or MATH 12500 or MATH 12550 or 15000 or MATH 15200 or MATH 15500

5 hrs (4 lec, 1 rec)

4 cr.
CHEM 10400 (STEM) - General Chemistry II

Hunter Core
Life and Physical Sciences (LPS)
Scientific World (SW)
GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibrium.

Primarily for premed, medical laboratory sciences and science majors.

prereq: CHEM 10200 with grade of C or better
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10600 (STEM) - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
GER 2/E

Experiments designed to illustrate the fundamental laws of chemistry. The course is equivalent one year of general
chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200 - Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation/workshop)
4 cr.

BIOL 10000 (STEM) - Principles of Biology I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralism and Diversity
PD/C or D

GER
The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution. Material Fee: $5 PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 20300 - Molecular Biology and Genetics

This course includes a detailed examination of the fundamental principles of gene expression. The processes of DNA replication, transcription, mRNA processing, micro RNA
function, and translation will be extensively covered. Prokaryotic and eukaryotic systems will be described. Classical Mendelian as well as molecular genetics principles will be covered in the lecture through a discussion of several model systems. Important genetic processes such as recombination, transposition and DNA repair will be discussed in-depth. The course will provide a modern view of the concept of the gene, and introduce basic bioinformatics analysis. Hands-on laboratory experiments will reinforce bacterial and eukaryotic genetic concepts as well as provide basics in recombinant DNA technology.

prereq: Advisor permission; BIOL 10000 and 10200 or equiv; CHEM 10200, CHEM 10400, CHEM 10600 or equiv. (for Major II students, chem prereqs are CHEM 10000, 10100; coreqs are CHEM 12000, 12100) coreq: CHEM 22200, 22300 or
BIOL 42500 - Computation al Molecular Biology

GER 3/B

An introduction to the interdisciplinary field of computational molecular biology. Students are taught the scope and methods of *in silico* biology, i.e., the application of computational and statistical methods to solving problems in molecular biology. Topics will include homology searching, sequence alignment, molecular phylogenetics, comparative genomics, analysis of gene expression, and prediction of macromolecular structures. The course will be taught using a mixed format of lectures and hands-on workshops in a UNIX computer laboratory setting. Knowledge and skills in molecular biology, UNIX programming, and statistics are essential for success in this core
course required for bioinformatics-concentration students from all majors.

prereq: BIOL 30000 or BIOL 30200 or CHEM 37600; STAT 21300; CSCI 13200 or CSCI 23500 or UNIX proficiency permitted by instructor.

3 hrs
3 cr.

*These courses may be counted for credit in more than one program.

Mathematics or Statistics and Applied Mathematics - BA/MA

The BA/MA program offers promising students the opportunity to complete both the bachelor's and master's requirements without a separate application for admissions or GRE requirement.
Requirements are the same as those for a major in the department, plus 30 credits at the graduate level. Interested students should contact the graduate adviser for further information regarding eligibility and curriculum requirements.

**Option 1:**
Mathematics and Pure Mathematics (63-83 credits)

Students complete the BA in pure mathematics with 30 additional credits at the graduate level in pure mathematics approved by the departmental graduate adviser.

- Mathematics - BA
- Mathematics: Pure Mathematics - MA

**Option 2:**
Mathematics and Statistics and Applied Mathematics (63-83 credits)

Students complete the BA in mathematics with 30 additional credits at the graduate level in applied mathematics, statistics and computer science approved by the departmental graduate adviser.
• Mathematics - BA
• Statistics and Applied Mathematics - MA

Option 3: Statistics and Applied Mathematics (63-83 credits)

Students complete the BA in statistics with 30 additional credits at the graduate level in applied mathematics, statistics and computer science approved by the departmental graduate adviser.

• Statistics - BA
• Statistics and Applied Mathematics - MA

Please note: Modifications in these programs are awaiting approval by NY State. Please consult department for details.

Minor in Mathematics

A minor in mathematics consists of a minimum of 12 credits selected from any of the following courses offered by the Department:
• MATH courses numbered 15000 or above
• STAT 31100
• STAT 31200
Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective mathematics minors consult with an undergraduate mathematics adviser concerning course selection.

Minor in Statistics

A minor in statistics consists of at least 12 credits selected from STAT courses offered by the Department. Students should consult the catalog to determine prerequisites necessary for them to enroll in courses that count toward the minor. It is recommended that prospective statistics minors consult with an undergraduate statistics adviser concerning course selection.

MATH 101EN
- Algebra for College
Students - Enhanced

Topics in algebra, graphing and functions including: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational, and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational, and exponential functions and their graphs. Also includes elementary algebra material which is necessary background material to be successful in college algebra. Not open to students who have taken MATH 10100. 

prereq: Department Permission
6 hrs
3 cr.

MATH 10000 - Basic Structures of Mathematics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have
received credit for any math or stat course that satisfies the GER 1/B requirement. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics. This course is a terminal course and does not serve as a prerequisite to any other course in the department

prereq: CUNY Math Proficiency
3 hrs
3 cr.

MATH 10100 - Algebra for College Students

Topics in algebra, graphing and functions Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomial, rational and exponential functions and their graphs.
prereq: appropriate score on placement exam or exit from appropriate departmental workshop
4 hrs (2 lec, 2 lab)
3 cr.

MATH 10150 - Mastery of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulating symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq: MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400.
2 hrs
1 cr.

MATH 10200 - Mathematics and Everyday Life

Hunter Core
Math/Quantitative Reasoning
Students will learn how to model real world problems with mathematics, and learn techniques for solving them. Topics include personal finance, statistical reasoning, probability, exponential growth, and voting theory.

**prereq:** CUNY Math Proficiency

**3 hours**

**3 credits**

**MATH 10400 (STEM) - Mathematics for Elementary Education I**

**Hunter Core**

Math/Quantitative Reasoning

GER 1/B

Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, computation, integers and number theory. Required of students planning to teach in elementary
schools. Not open to other students.  
prereq: grade of C or better in MATH 10100 or MATH 101EN or appropriate score on the placement exam  
3 hrs  
3 cr.

**MATH 10500 - Mathematics for Elementary Education II**

**GER**  
1/B

Continuation of MATH 10400. Continuation of the content of the mathematics recommended by the NCTM for prospective elementary school teachers, including probability, statistics, plane and transformational geometry, congruence and similarity.  
prereq: grade of C or better in MATH 10400  
3 hrs  
3 cr.

**MATH 11000 - Topics in the Mathematical Sciences**

**GER**  
1/B
Not open to students who have completed MATH 10500, 16000 or 26000. Intended for liberal arts or social science students. Applications of topics selected from algebra, analysis, computer science, geometry, probability and statistics. 

\textit{prereq: college-level mathematics or statistics course.} 

3 hrs 

3 cr.

**MATH 11100 - Matrices, Vectors and Linear Programming**

**GER** 

1/B 

Not open to students who have completed MATH 16000 or 26000. Recommended for accounting students; not recommended for students majoring in mathematics or statistics. Introduction to matrices and vectors, systems of linear equations and linear programming with applications. 

\textit{prereq: MATH 10100 or MATH 101EN or appropriate score on placement exam} 

3 hrs 

3 cr.
MATH 12400 (STEM) - College Algebra and Trigonometry

Hunter Core
Math/Quantitative Reasoning (MQR)
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus.

Note: This course is equivalent to MATH 12500 for grade replacement purposes.

prereq: MATH 10100/101EN -or- the appropriate score on the Mathematics Placement Test.
placement test.
Not open to students who have taken MATH 12500 or MATH 12550.
4 hrs
4 cr.

MATH 12500 (STEM) - Precalculus

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Functions and their graphs: polynomial, rational, exponential, logarithmic and trigonometric functions; conic sections; topics in trigonometry; graphical and analytical solutions to systems of equations and inequalities. Not credited to students who have completed MATH 15000 or its equivalent.
prereq: grade of C or better in MATH 10100 or appropriate score on placement exam
4 hrs
4 cr.

MATH 12550 (STEM) - Precalculus with Workshop
This course replaces the course MATH 12500 (STEM) for students who intend to take calculus. It is designed to develop an understanding of topics and skills which are fundamental to the study of calculus and other science classes. The topics covered are: linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions and their graphs and applications; the Fundamental Theorem of Algebra; sequences, sums, and the Binomial Theorem. In addition to lecture, students are also required to attend a 50-minute recitation session once a week. Note: This course is equivalent to MATH 12500 (STEM) for grade replacement purposes.

prereq: MATH 10100/101EN with a grade of B- or better OR MATH 10150 with a grade of C or better; or the appropriate score on a mathematics placement test. Not open to students who have taken
MATH 12500
5 hrs (4 hrs lecture, 1 hr recitation)
4 cr.

MATH 12600
Precalculus Technology Laboratory

Students are introduced to MATHEMATICA as a tool for exploring qualitative features of functions and solving pre-calculus problems: simplifying algebraic expressions, solving equations, plotting functions and curves, finding and approximating zeros and solving systems of equations. MATH 12600 cannot be taken for credit after a student has passed MATH 15000. Students who have passed MATH 15000 should register for MATH 15400 to satisfy the symbolic proficiency requirement.

prereq: MATH 12400, MATH 12500, or MATH 12550 or appropriate score on placement exam
prereq or coreq: MATH 12500
2 hrs
1 cr.
MATH 14000 - Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.

prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600.

2 hrs
1 cr.

MATH 15000 (STEM) - Calculus I

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Limits, continuity, differentiation and integration of elementary functions and trigonometric
functions, applications.
prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, AND coreq MATH 14000; or the appropriate score on a mathematics placement test. 4 hrs 4 cr.

MATH 15200 (STEM) - Calculus for Life and Social Sciences

Limits, continuity and the derivative. The power rule, product and quotient rules, the chain rule, and implicit differentiation. The Mean Value Theorem and the Intermediate Value Theorem. Curve sketching and optimization, and linear approximation. Riemann integral and the Fundamental Theorem of Calculus. Various applications to economics, life sciences, and physical sciences. Students will not be allowed to obtain
credit for both MATH 15200 and MATH 15000 (STEM). Students planning on taking more than one semester of calculus should take MATH 15000 (STEM) instead.

prereq: MATH 12550 with a grade of B- or better; or MATH 12400, MATH 12500, or MATH 12550, with a grade of C or better, and coreq MATH 14000; or appropriate score on placement exam. Not open to students who have taken MATH 15000.
4 hrs
4 cr.

MATH 15400 - An Introduction to Symbolic Computation

Laboratory introduction to machine-aided computation with an emphasis on examples related to calculus. Students use a symbolic computation package to investigate and solve problems numerically, analytically and graphically. The same package is used to create reports of their
results.

prereq: MATH 15000
2 hrs
1 cr.

MATH 15500 (STEM) - Calculus II

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

MATH 15600 - Introduction to Mathematical Proof Workshop

Techniques of proof will be introduced, among them the direct and indirect methods of proof, epsilon-delta arguments and induction. These will be applied to theorems in number theory, set theory and in differential
and integral calculus.
prereq: MATH 15000
prereq or coreq: MATH 15500
2 hrs
1 cr.

MATH 16000 - Matrix Algebra

GER 1/B

Systems of linear equations, matrices, determinants, introduction to vector spaces and linear transformations, applications.
prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score on placement exam
3 hrs
3 cr.

MATH 25000 - Calculus III

GER 3/B

Vector geometry, dot and cross products, partial derivatives, matrices, determinants, Jacobians, multiple integration.
prereq: MATH 15500, MATH 15600
4 hrs
4 cr.
MATH 25400 - Ordinary Differential Equations

GER
3/B

First-order equations, second-order linear equations and linear systems, power series solutions, transform and numerical methods, introduction to qualitative theory.
_prereq: MATH 25000
3 hrs
3 cr.

MATH 25500 - Vector Analysis

GER
3/B

Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.
_prereq: MATH 25000
3 hrs
3 cr.

MATH 26000 - Linear Algebra

GER
3/B

Vector spaces,
linear
transformations, canonical forms, inner product spaces, bilinear forms, applications.
prereq: MATH 15600
prereq or coreq: MATH 25000
4 hrs
4 cr.

**MATH 27500 - Symbolic Logic**

**GER**
3/B

Sentential logic including symbolizations, truth-value tables, formal derivations, Predicate logic including symbolizations, interpretations and formal derivations.
cross-listed PHILO 27500
prereq: MATH 15600
3 hrs
3 cr.

**MATH 29500 - Intermediate Topics in Mathematics**

**GER**
3/B

May be repeated as topics vary, but not more than twice. Topics to be studied in any given term will be announced prior to registration.
MATH 30100 - Mathematical Methods for the Physical Sciences

GER 3/B

The solution of linear partial differential equations and boundary value problems. Solution techniques such as separation of variables, Fourier series, Green's functions and Laplace transforms are covered. These are applied to several equations which occur in physical applications such as the heat equation, the Laplace equation and the wave equation. Crosslisted as PHYS 30100.

prereq: MATH 25400

3 hrs
3 cr.

MATH 31100 - Abstract Algebra I

GER 3/B

3 hrs
3 cr.
Introduction to the theory of groups and rings.
prereq: MATH 26000
3 hrs
3 cr.

MATH 31200 - Abstract Algebra II

GER 3/B

Elements of Galois theory, construction with ruler and compass, advanced topics in ring theory and linear algebra.
prereq: MATH 31100
3 hrs
3 cr.

MATH 31300 - Theory of Numbers

GER 3/B

Congruences, quadratic residues, elementary Diophantine analysis, continued fractions, sums of squares.
prereq: MATH 26000
3 hrs
3 cr.

MATH 33100 - Geometries

GER 3/B
Topics in affine and projective geometry and/or topics in differential geometry.

**MATH 34000 - Topology**

**GER**

3/B

Metric and topological spaces, continuity, homeomorphisms, compactness, connectedness, homotopy, fundamental group.

**MATH 35100 - Mathematical Analysis I**

**GER**

3/B

Rigorous treatment of foundations of calculus, including topology of real line and higher dimensional spaces. Basic results on continuous functions.
MATH 35200 - Mathematical Analysis II

GER
3/B

Integration, sequences and series, uniform convergence, differentiation of functions of several variables, inverse and implicit function theorems, formula for change of variables.

prereq: MATH 35100
3 hrs
3 cr.

MATH 35300 - Introduction To Complex Variables

GER
3/B

Complex numbers, analytic functions, elementary functions, contour integrals, Cauchy integral theory, series.

prereq: MATH 15600, 25500
3 hrs
3 cr.

MATH 35400 - Dynamical Systems and Chaos

GER
3/B
Linear flows, qualitative theory of low-dimensional nonlinear systems, introduction to chaos in discrete one-dimensional dynamical systems.

**MATH 37000 - Mathematical Logic**

**GER**

3/B

A survey of the central results and techniques of metalogic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem Theorem and Church's Theorem on undecidability. Cross-listed as PHILO 37500 and CSCI 37100.

**prereq:** MATH 26000 or permission of the instructor

3 hrs

3 cr.

**MATH 37100 - Fundamental Concepts of Modern Mathematics**
GER
3/B

Axiomatic approach to set theory: axiom of choice, Zorn's Lemma, transfinite arithmetic.

prereq: two of the following: MATH 26000, 31100, 35100, 35200
3 hrs
3 cr.

MATH 37200 - Logic and Computers

This course introduces students to logic and its applications to modeling both computer and real-world systems. Topics include various logics and their applications to modeling systems and reasoning for artificial intelligence, along with proof systems and tools for automated or semi-automated reasoning in these logics.

cross-listed CSCI 37200/PHILO 37200
prereq: CSCI 15000 OR PHILO/CSCI/MAT H 27500
3 hrs
3 cr.
MATH 37600 - Philosophy of Mathematics (W)

GER
3/B

Study of such issues as the nature of demonstration or proof and the nature of mathematical knowledge and mathematical objects such as numbers and sets. Cross-listed as PHIL 37600.

prereq: ENGL 12000; PHIL 10100, MATH 27500

3 hrs
3 cr.

MATH 37700 - Non-classical Logic

Logic is the systematic and precise study of reasoning—a topic of particular interest to mathematicians and computer scientists as well as philosophers. Philosophers have often functioned as the research and development wing of this collaboration, thinking up and formalizing new logical techniques and systems designed to solve problems that can't
be solved by traditional (a.k.a. "classical") logic. This course will be an introduction to some of these non-classical logics, their philosophical motivations, and some of their applications.

cross-listed PHILO 37700, CSCI 37700
prereq: PHILO 27500 or MATH 27500 or CSCI 27500
3 hrs
3 crs.

MATH 38500 - Numerical Methods I

GER
3/B

Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations.

prereq: MATH 25000 and MATH 26000 or permission of the instructor
3 hrs
3 cr.
MATH 39100 -
Independent Study in Mathematics

GER
3/B

Open to Jr/Sr only. Independent study and reading under direction of faculty member.

prereq:
departmental permission

1 hr
1 cr.

MATH 39200 -
Independent Study in Mathematics

GER
3/B

Open to Jr/Sr only. Independent study and reading under direction of faculty member.

prereq:
departmental permission

2 hrs
2 cr.

MATH 39300 -
Independent Study in Mathematics

GER
3/B

Open to Jr/Sr only. Independent study and reading under direction of faculty member.
MATH 39500 - 
Advanced 
Topics in 
Mathematics

GER 
3/B

Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.

MATH 45400 - 
Calculus on 
Manifolds

GER 
3/B

Functions on Euclidean space, implicit function theorem, Fubini's Theorem, integration on chains and manifolds.
MATH 48500 - Numerical Methods II

GER
3/B

Advanced topics in numerical solutions to partial differential equations, finite element method, von Neumann stability analysis, finite difference method. Examples from computational fluid dynamics and structural mechanics. Cross-listed as CSCI 48500 and PHYS 48500.

prereq: MATH 38500 or permission of instructor
3 hrs
3 cr.

MATH 49000 - Honors Seminar

GER
3/B

prereq: MATH 31100, 35100, departmental permission
3 hrs
3 cr.

STAT 11000 - Selected Topics in Elementary Probability and Statistics
as Applied to
Popular
Science and
Current
Events

GER
1/B

Topics to be studied in any given term will be announced prior to registration. This course does not serve as a prerequisite for any other mathematics or statistics course. This course is a topics course that serves as an introduction to selected topics in probability and statistics with applications to the real world.

prereq: CUNY Math Proficiency
3 hrs
3 cr

STAT 11300 -
Elementary
Probability
and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless
minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.

STAT 21200 - Discrete Probability

Hunter Core
Math/Quantitative Reasoning
GER
I/B

Combinations,
permutations, discrete probability. Characteristics of probability distributions.
Model building. Additional topics like sampling, random walks or game theory will be introduced from time to time.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or STAT 11300 or appropriate score on placement exam.
3 hrs
3 cr.

STAT 21300 (STEM) - Introduction to Applied Statistics

Hunter Core
Math/Quantitative Reasoning
GER 1/B

Sampling, estimation, tests of hypotheses, including one- and two-sample tests, two- and three-way tables for nominal and ordinal data, linear regression, analysis of variance through two-way with interaction, appropriate statistical software.

prereq: MATH 12400 or MATH 12500 or MATH 12550 or appropriate score
on placement exam
3 hrs
3 cr.

STAT 21400 - Data Analysis Using Statistical Software

GER 3/B
Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building
prereq: STAT 21300 or MATH 12400 or MATH 12500 or MATH 12550 and STAT 11300 with grade of C or better in each course.
3 hrs
3 cr.

STAT 22000 - Statistical Analysis in Forensics

GER 3/B
A second course in probability and statistics and the evaluation of evidence in the forensic sciences.
prereq: STAT 21200 and either STAT 21300 or 11300 by permission of instructor. One of
the above, i.e., STAT 21200 or STAT 21300 or STAT 11300 by permission of instructor may be taken as a coreq.
3 hrs
3 cr.

STAT 29500 - Intermediate Topics in Statistics
GER
3/B

Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.
prereq: STAT 21300 or STAT 11300 and MATH 12400 or MATH 12500 or MATH 12550; additional prereqs. depend on specific course offered.
3 hrs
3 cr.

STAT 31100 - Probability Theory
GER
3/B

Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.
prereq: MATH 25000.
STAT 31200 -
Stochastic
Processes

GER
3/B

Discrete and continuous stochastic processes including Markov chains, birth processes, queues and Brownian motion.
prereq: STAT 31100
3 hrs
3 cr.

STAT 31300 -
Introduction to
Mathematical
Statistics

GER
3/B

Estimation, hypothesis testing, confidence limits for normal, binomial, Poisson and exponential random variables.
prereq: STAT 31100
3 hrs
3 cr.

STAT 31900 -
Bayesian
Statistical Inference in the Sciences
GER
3/B


prereq: MATH 15500; at least one of STAT 21200, STAT 21300 or STAT 21400 (or permission of instructor).
Prerequisites waived for students who have passed STAT 311.

Familiarity with matrix algebra (at the level of MATH 160) and with the Windows computing environment are encouraged.

3 hrs
3 cr

STAT 35100 - Advanced Biometrics
A second course in statistics covering quantitative methods applicable in the life sciences. Topics include experimental design, life table analysis, ethical issues, survival analysis, logistic regression and Cox regression. Linear algebra recommended but not required.

**prereq:** math at level of MATH 12400, MATH 12500, MATH 12550, STAT 11300, 21300

3 hrs

3 cr.

**STAT 39100 - Independent Study**

Open to Jr/Sr majors only.

Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.

**prereq:** departmental permission

1 hr.

1 cr.
STAT 39200 - Independent Study

GER
3/B

Open to Jr/Sr majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.

prereq:
departmental permission
2 hrs.
2 cr.

STAT 39300 - Independent Study

GER
3/B

Open to Jr/Sr Majors only. Independent study in which a topic of interest is selected by the student. The study is carried out under the direction of a faculty member.

prereq:
departmental permission
3 hrs.
3 cr.

STAT 39500 - Advanced
Topics in Statistics

GER 3/B

Topics to be studied in any given term will be announced prior to registration. May be repeated as topics vary, but not more than twice.
prereq: STAT 31100; STAT 31200 or 31300; additional prereqs. depend on specific course offered
3 hrs
3 cr.

STAT 48600 - Modeling and Visualization

GER 3/B

The development of continuous mathematical models, the resolution of the resulting differential equations by numerical techniques and the visualization of the simulated data. Problems come from various areas of the social, biological and physical sciences. Project required. Course may be used to qualify for departmental honors.
prereq:
The Department of Medical Laboratory Sciences offers a rigorous and extensive education in biomedical science that prepares students for employment in clinical (hospital and private diagnostic), research (academic/biotechnology), and pharmaceutical fields.
al) and public health laboratories and for advanced degrees in graduate (Master's/Ph.D.) and professional (medical/dental/physician assistant) schools as well as advanced clinical certifications. Two academic degrees for undergraduates are offered: the BS in Medical Laboratory Sciences: Biomedical Science and the BS in Medical Laboratory Sciences: Clinical Science. Both majors emphasize laboratory training through classroom work. The Medical Laboratory Sciences: Biomedical Science major is intended for those students who plan to obtain advanced graduate or medical degrees. Students in this major are encouraged to perform independent study research projects with faculty. The Medical Laboratory Sciences: Clinical Science major is licensure qualifying and is intended for those students who plan to take the New York State Education Department (NYSED) licensure exam for clinical laboratory
technologists. A license is required to work as a clinical laboratory technologist in NYS. Clinical laboratory technologists perform analytical tests on patient samples and play an essential role in the diagnosis and treatment of disease. The Clinical Science major requires students to perform a departmentally-arranged eight-week full time summer internship in a hospital or private diagnostic laboratory. Students in the Clinical Science major may also pursue advanced graduate and medical degrees.

What can I do with my degree in Medical Laboratory Sciences?

Graduates pursue entry-level careers in diagnostic or
research labs, as well as further education in graduate programs, medical school and other clinical specialties. MLS graduates work in hospitals, nonprofit research institutions and pharmaceutical and biotechnology companies.

Programs and Courses

Programs and Courses in Medical Laboratory Sciences

Administration and Faculty

Department Office: Hours of Operation:
Monday – Friday
9:00 AM – 5:00 PM

Chair:

Steven Einheber
Brookdale Campus
West 700A
(212) 481-4442,
4502
seinhebe@hunter.cuny.edu
Faculty

Medical Laboratory Sciences Faculty

Medical Laboratory Sciences - BS

The Department of Medical Laboratory Sciences (MLS) offers two majors:

(1) Medical Laboratory Sciences: Biomedical Science BS and

(2) Medical Laboratory Sciences: Clinical Science BS.

The Clinical Science major is intended for students pursuing careers in the diagnostic laboratory and meets the requirements for NY State licensure of clinical laboratory technologists. The Biomedical Science major is appropriate for students seeking other careers or graduate education in the biomedical field.
Professional Outcomes

Entry-Level Positions

Students completing the MLS degree are prepared for positions in a variety of settings. These include clinical laboratory (medical) technologists of diagnostic laboratories in hospitals and commercial environments, and research assistants in medical center and university labs, pharmaceutical and biotechnology companies and public health laboratories. Personnel shortages are severe in several of these areas, and opportunities are predicted to grow. The Bureau of Labor Statistics projects growth of 12% for clinical laboratory positions from 2016 to 2026.

The passage of the Clinical Laboratory Technology Practice Act in 2005 created a transparent professional pathway defining the education, experience and examination to qualify as a clinical laboratory technologist in New
York State NYSED
Office of the Professions. The course of study in the Medical Laboratory Sciences: Clinical Science major fulfills the educational and practice components for licensure.

Further Education

MLS students are encouraged to plan for postbaccalaureate education, and are guided to complete prerequisites. MLS alumni have been successful in medical and dental school, graduate programs in biomedical science (master's and PhD), management and clinical specialties (PA, forensic science, etc.) and advanced laboratory diagnostics such as cytotechnology.

Opportunities for Pre-Professional
Experience

- **Professional Practice:** Qualified students planning for careers in the diagnostic lab enroll in MLSP 41000 to fulfill the practical experience requirement of the clinical laboratory technologist license. Students are assigned to hospital, reference or public health labs for summer or semester-long internship experience in an area consistent with their interests.

- **Student Research:** Qualified students are encouraged to participate in faculty research projects through independent study and honors courses in such areas as innate immune regulation, bacteriophage, microbial pathogenesis, antimicrobials, gastric secretion and cancer, glutamate receptors in neurological diseases and cancer, and myelination in the peripheral and central nervous systems.

- **Academic Advising:** MLS majors meet each
semester with a faculty adviser to review progress and plan the next semester's program. The adviser helps students pace their studies appropriately. Counseling for graduate school, employment and reference support is ongoing for our alumni. A strong professional network exists among MLS alumni.

Admission Requirements

Students must meet the following minimum requirements to be considered for admission to the Medical Laboratory Sciences-BS majors:

Completion of 60 credits before enrolling in MLS, including: one year of general chemistry with lab (CHEM 10200 (STEM), CHEM 10400 (STEM), CHEM 10600 (STEM), or equivalent) 1 year of general biology with lab BIOL 10000
(STEM), BIOL 10200 (STEM), or equivalent) and an overall GPA of at least 2.5. Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and resources. The Hunter College Department of Medical Laboratory Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.

Students can enter the Medical Laboratory Sciences major in fall and spring semesters. Advisors welcome e-mail inquiries anytime. To apply, both current Hunter College students and transfer students must complete the CUNY Transfer Application. Applicants should log in with their CUNYfirst account or create a CUNY Application account if they have never attended a CUNY institution. Be sure to select "Medical Laboratory Sciences" at Hunter College as the intended major. Admissions
decisions are made on a rolling basis so students should apply and complete the application as early as possible. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their Hunter Core Requirement (HCR) General Education - Effective Fall 2019 which includes the CUNY Common Core, the Hunter Focus on foreign language and the concurrent requirements before entering the program, but liberal arts classes can be interspersed with major courses.

Students are encouraged to contact the Department Chair or Undergraduate Advisor listed below to ask any questions or learn more about the MLS majors before applying.

Scholastic Requirements
Student grades are reviewed each semester to determine eligibility for remaining in the program. Each student must maintain an overall GPA of 2.0 for each semester and a grade of C or better in each major course. Major courses must be taken for letter grades except, at the discretion of the chair, for clinic, field or independent study. Departmental permission is required in order to register for courses. Faculty advisers authorize course permissions during the pre-registration and registration periods.

Contact Us

Department Chair:

Steven Einheber,
PhD
Brookdale Campus
West 700A
(212) 481-4442,
4502
E-mail:
seinhebe@hunter.cuny.edu
Web site:
http://www.hunter.cuny.edu/mls
The Medical Laboratory Sciences (MLS): Biomedical Science major prepares students for careers in biomedical laboratories and other health-related professions. The MLS curriculum builds upon the basic science courses required to
Courses in the major fall into the following categories:

- fundamental lab skills
- clinical subspecialties
- advanced biomedical courses

Emphasis is placed on problem solving and development of laboratory strategies, in addition to theoretical knowledge and practical skills in each of the disciplines in the curriculum. The Biomedical Science major is appropriate for students seeking graduate education in enter the program.
biomedical or health-related fields. This major does not meet the requirements for NY State licensure of clinical laboratory technologists. For the licensure-qualifying program, please see the Medical Laboratory Sciences: Clinical Science BS major. The academic demands of MLS courses often require students to carry lighter credit loads than they are accustomed to. Part-time attendance and some evening classes are
mechanisms for assisting students to complete the challenging curriculum. See course descriptions and the MLS Web site for more detail.

Admission Requirements

The requirements for consideration for admission to Medical Laboratory Sciences - BS programs are as follows:

• Completion of 60 credits before enrolling in MLS, including: one year of general
chemistry with lab
CHEM 10200 (STEM),
CHEM 10400 (STEM),
CHEM 10600 (STEM) or equivalent

• 1 year of general biology
with lab (BIOL 10000 (STEM),
BIOL 10200 (STEM) or equivalent)

• Overall GPA of at least 2.5.

Students can enter the Medical Laboratory
Sciences major in fall and spring semesters.
Advisers welcome e-mail inquiries anytime.
To apply both current Hunter College students
and transfer
students must complete a Transfer Application with the CUNY University Application Processing Center. Visit http://www.hunter.cuny.edu/prospectives/ug_students/transfer.shtml and select On-Line Application from the choices. Be sure to select "Medical Laboratory Sciences" at Hunter College as the choice of curriculum. Use CUNY curriculum code 0344 when applying. Admissions take place on a rolling basis so students should
apply as early as possible. Admission deadlines for fall and spring semesters are February 1 and September 15, respectively. Students are encouraged to complete most of their General Education - Effective Fall 2019 (HC R) which includes the CUNY Common Core Requirement, the Hunter Focus on foreign language and the Concurrent Requirements before entering the program, but liberal arts classes can be
interspersed with major courses. Meeting the minimum requirements does not guarantee acceptance into the program, which is based, by necessity, on the limitations of space and resources. The Hunter College Department of Medical Lab Sciences is dedicated to equal opportunity for all applicants who meet admission requirements.

Hunter Core Requirement

Several courses
within this major may fulfill parts of the Hunter Core Requirement (CUNY Common Core [CCC], Hunter Focus, Concurrent Requirements). When selecting courses, it may be to a student's advantage to choose courses that count toward the Hunter Core Requirement and also advance the student on the path to the major. Details on the Hunter Core Requirement can be found here: General Education -
Effective Fall 2019.

Courses Required for the Major (79-92 credits)

Based on placement exams or transferred courses, students may place into some more advanced Mathematics and Statistics courses without taking Hunter College prerequisites. See the Mathematics and Statistics department for details.

Math Courses
MATH 10100
Algebra for College Students

Topics in algebra, graphing and functions. Includes: algebraic and graphical solutions to systems of equations and inequalities; absolute value, polynomial, rational and radical expressions and equations; complex numbers; the function concept; introduction to polynomials.
rational and exponential functions and their graphs. 

prereq: appropriate score on placement exam or exit from appropriate departmental workshop

4 hrs (2 lec, 2 lab)

3 cr.

MATH 10150
- Master of Symbolic Computation

This online course focuses on developing increased mastery of symbolic computational skills and strategies needed for manipulation.
ing symbols and solving equations and inequalities in precalculus-level mathematics and elementary statistics.

prereq:
MATH 10100/MATH 101EN with a grade of C or better. Not credited for students who have previously passed any course number at or above MATH 12400. 2 hrs 1 cr.

MATH 12400 (STEM) - College Algebra and Trigonometry
This course is replacing the course MATH 12500 (STEM) for students who do not intend to take calculus. Functions and their graphs; linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; topics in trigonometry; graphical and analytical solutions to systems of equations. Students who would plan on taking calculus should register for
MATH 12550 (STEM) instead of this course. Students who complete this course will need to register for MATH 14000 in order to take calculus. Note: This course is equivalent to MATH12500 for grade replacement purposes.

prereq: MATH 10100/101EN or the appropriate score on the Mathematics placement test. Not open to students who have taken MATH 12500 or MATH 12550.
MATH 14000
- Mathematical Reasoning Workshop

This workshop focuses on developing mathematical thinking skills needed for MATH 15000. Students will learn applications with formal mathematical logic and mathematical reasoning, including proofs that use methods of direct proof, indirect proof, and mathematical induction.
prereq: MATH 12400, MATH 12500, or MATH 12550. Not credited to students who have previous credit for MATH 15600. 2 hrs 1 cr.

STAT 11300 - Elementary Probability and Statistics

Hunter Core Math/Quantitative Reasoning

GER 1/B

Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited
for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation and hypothesis testing. Linear regression. Students are expected to analyze real data sets and write reports. Students who have taken
calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300. 
prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam 
prereq or coreq: ENGL 12000 3 hrs 3 cr.

Courses in Other Departments (31 cr.)

BIOL 10000 (STEM) - Principles of
Biolog y I

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)

Pluralis m and Diversity
PD/C or D

GER
2/E

The chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

Material Fee: $5

PD credit
awarded only upon completion of BIOL 10000 and 10200.

prereq: CHEM 10200 and MATH 12400 or MATH 12500 or MATH 12550 or MATH 15000 or MATH 15200 or MATH 15500
7 hrs (3 lec, 3 lab, 1 disc)
4.5 cr.
spring only

BIOL 10200 (STEM) - Principles of Biology II

Hunter Core Scientific World (SW); Life and Physical Sciences (LPS) Pluralism and
Diversity
PD/C or
GER
2/E

Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous and neuroendocrine systems; the senses, behavior; ecology.

Material fee: $5

PD credit awarded only upon completion of BIOL 10000 and 10200.

prereq:
BIOL 10000 or perm instr.
MATH
10100 or
MATH
101EN
7 hrs (3
lec, 3 lab,
1 disc)
4.5 cr.
fall only

CHEM
10200
(STEM
) -
General
Chemistry I

Hunter
Core
Scientific
World
(SW);
Life and
Physical
Sciences
(LPS)
GER
2/E

In-depth introduction to stoichiometric calculations, atomic and molecular structure and chemical bonding. Primarily for pre-med, medical laboratory sciences and science.
majors.

prereq or coreq:
MATH 12400 or
MATH 12500 or
MATH 12550 or
MATH 15000 or
MATH 15200 or
MATH 15500
5 hrs (4 lec, 1 rec)
4 cr.

CHEM 10400
(STEM ) -
General Chemistry II

Hunter
Core
Life and Physical Sciences (LPS)
Scientific World (SW)
GER 2/E

In-depth introduction to thermodynamics, redox reactions, electrochemistry and chemical equilibria
Primarily for premed, medical laboratory sciences and science majors.

**prereq:** CHEM 10200 with grade of C or better

5 hrs (4 lec, 1 rec) 4 cr.

**CHEM 10600 (STEM)** - General Chemistry Laboratory

Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW) Pluralism and Diversity GER 2/E
Experiments designed to illustrate the
fundamental laws of chemistry. The course is equivalent one year of general chemistry laboratory. Primarily for pre-med, medical laboratory sciences and science majors.

prereq: CHEM 10200
coreq: CHEM 10400
6 hrs
3 cr.

CHEM 22200
- Organic Chemistry Lecture I

GER
GER 3/B

Structure, bonding, and reactions of organic molecules.

Synthesis, stereoche
mistry, spectroscopy, reaction mechanisms.

prereq: CHEM 10400 with a grade of C or better
5-6 hrs
(4 lec, 1-2 recitation/workshop)
4 cr.

CHEM 22300
Organic Chemistry Laboratory I

GER 3/B

Various organic syntheses, Distillation, extraction, chromatography, qualitative analysis, spectroscopy.
Note: Students must register
for
CHEM
22300
and
CHEM
22301
simultaneously.
Note:
Students
must
register
prereq:
CHEM
10500 OR
CHEM
10600 OR
CHEM
11200
coreq:
CHEM
22301
prereq or
coreq:
CHEM
22204 OR
CHEM
22206
3 hrs
2.5 cr.

PHYS
11000
(STEM)
- General
Physics:
Introductory
Course in
Mechanics,
Heat, and
Sound
Hunter Core
Life and Physical Sciences (LPS); Scientific World (SW)
GER 2/E

First semester of two-semester introductory physics course using algebra.
prereq: MATH 12400 or 12500 or 12550 or 15000 or 15500
7 hrs (3 lec, 3 lab, 1 rec)
4.5 cr.

* These courses may be
Biomedical Science Curriculum (40-42 cr.)

MLSP 30000 Funda
mental Concepts and Techniques in the Medical Laboratory

Function of the medical laboratory, data analysis and operation of basic laboratory equipment. Approximately 1-2 informal laboratory hours are required to practice the use of equipment.

MLS 60000 is the graduate component of this course

prereq: BIOL 10000, 10200, CHEM 10200,
10300, 10400, 10500 or equiv.  
3 hrs (2 lec, 1 lab)  
3 cr.

MLS 31200  
Human Physiology: Integration and Control  
Study of function at the cellular and systemic level, with emphasis on the integrated organism and associated control systems. Electronic resources are used extensively in this course.  
prereq: BIOL 10000 and 10200, CHEM 10400,
MLS 34700
- Human Histology

Structure and function of normal human tissues and cells, including systematic study of microscopic morphology.

coreq:
MLS 31200
5 hrs (2 lec, 3 lab) 3 cr.

MLSP 34900
- Hematology

Study of normal and pathological conditions of blood. Use of current diagnostic
techniques to analyze peripheral blood and bone marrow, differential counting and blood banking. 

prereq or coreq: MLSP 30000
5 hrs (2 lec, 3 lab)
3 cr.

MLSP 35100
- Clinical Microbiology

Properties and mechanisms of pathogenesis of microorganisms associated with disease and the antimicrobial agents used to control them. 

prereq or coreq: MLSP 30000
MLSP 35200 - Clinical Microbiology II

Continuation of MLSP 35100 with particular emphasis on anaerobic bacteria, fungi, and viruses, diagnostic strategies using classical, serological and molecular techniques.

prereq: MLSP 30000, 35100 or equiv.

5 hrs (2 lec, 3 lab) 4 cr.

MLSP 35400 - Clinical Bioche...
I: Biomo lecule s & Metab olism

Basic macromolecules of life, including amino acids, lipids, nucleic acids, and carbohydrates; membrane biochemistry and signal transduction; cellular metabolism and bioenergetics; clinical and biochemical laboratory methods. 

prereq: CHEM 22200
5 hrs (2 lec, 3 lab)
3.5 cr.

MLSP 35500 - Clinical
Biochemistry II: Genes to Proteins

Structure and function of nucleic acids and proteins and the genetic basis of human disease. Laboratory methodologies include analysis of proteins, including enzymes in clinical samples, and manipulation of microbial nucleic acids.

prereq: MLSP 35400
5 hrs (2 lec, 3 lab)
3.5 cr.

MLSP 36100
- Computers and Data
Proces sing in the Medical Laboratory

Study of computer integration in the medical and research lab, data compilation and medical information systems. Approximately 3 additional informal lab hours are required weekly.

prereq:
MATH 15000 or STAT 11300
3 hrs (1 lec, 2 lab)
3 cr.

MLS 45000 - Cell and Tissue Culture

Cell and tissue culture
theory and technique(s), including starting primary cultures, passing and preservation of cells, cell cycle and growth factor assays and monoclonal antibody techniques. Several informal hours are required each week in the lab in addition to the scheduled class.

prereq: MLS 35100
Coreq: MLS 34700, 35200
5 hrs (2 lec, 3 lab) 4 cr.

MLSP 45700 - Senior Seminar
Oral presentations and written exercises (including research proposal) introduce students to the use and proper citation of the biomedical literature, research design, effective scientific communication and regulatory oversight of science. 

prereq: perm instr.

2 hrs

3 cr.

**MLS 46000 - Immunology**

Cellular reactions in immunology, structure of antibodies and antigens, and
laboratory determination of immune functions.

prereq: MLS 34900, 35100
coreq: MLS 35200, 35400
5 hrs (2 lec, 3 lab)
3 cr.

PH 33000
- Principles of Epidemiology

Methods of study of disease; risk factors; distribution, causes, prevention, and control of selected diseases. Minimum GPA to enroll - 2.75

prereq: Any intro statistics course plus SOC 10100 or equivalent
t plus either
PSYCH 10000 or
PSYCH 15000 or
ANTHC 10100 or equivalent.
3 hrs
3 cr.

Electives
(5-6 cr.)

MLSP 40000 -
Topics in Biomedical Sciences

Topics vary from semester to semester and are announced before registration.
1-3 hrs
1-3 cr.

MLS 48001-48003 -
Independent Study
prereq or coreq: departmental permission
1-3

MLS 49000 -
Honors

prereq: departmental permission
hrs TBA
3 cr.

CHEM 22400 -
Organic Chemistry Lecture II

GER
GER 3/B

Structure, bonding, and reactions of organic molecules.
Synthesis, stereochemistry, spectroscopy, reaction mechanisms.
CHEM 22200 with a grade of C or better
5-6 hrs (4 lec, 1-2 recitation /workshop)
4 cr.

CHEM 22500 - Organic Chemistry Laboratory II

GER 3/B
Continuation of CHEM 22300.

prereq: CHEM 22300
prereq or coreq: CHEM 22400
4 hrs
2.5 cr

MATH 15500 (STEM) - Calculus II
Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

prereq: grade of C or better in MATH 15000
4 hrs
4 cr.

STAT 11300
- Elementary Probability and Statistics

Hunter Core
Math/Quantitative Reasoning
GER
1/B
Not open to students who have completed STAT 21300 (STEM) or PSYCH 24800. Not credited for majors in statistics or mathematics unless minor is elementary education. An introduction to applied statistics and statistical computing. Hands-on data analysis. Graphical inference. The five number summary, box plots, scatterplots, normal probability plots. Elementary probability. Statistical estimation.
n and hypothesis testing.
Linear regression.
Students are expected to analyze real data sets and write reports.
Students who have taken calculus or place into calculus by the placement exam should take STAT 21300 instead of STAT 11300.
prereq: A grade of C or better in MATH 10100 or MATH 101EN or appropriate score on placement exam
prereq or coreq: ENGL 12000
3 hrs
3 cr.
Degree Map

Degree Map for Medical Laboratory Sciences: Biomedical Science

Medical Laboratory Sciences: Clinical Science BS

Go to Medical Laboratory Sciences - BS

Overview
Medical Laboratory Sciences (MLS): Clinical Science is a pre-professional major, preparing students for careers in laboratories devoted to promoting, maintaining and restoring human health. The MLS curriculum builds upon the basic science courses required to enter the program. Courses in the major fall into the following categories:

- fundamentals and ame...
ion to theoretical knowledge and practical skills
tended for, but not limited to, students pursuing careers in the
diagnostic laboratory and is designed to meet these requirements.
for New York State licensing of clinical laboratory technologists.
academic demands of MLS courses often require students to carry...
tendance and some evening classes are mechanisms for assistance.
escriptions and the MLS Website:

http://www.hunter.cuny.edu
There are requirements for consideration for admission to Medical School.
60 credits before enrolling in MLS, including one year of general
M10600 (STEM)

orequelent

•

lyear of general biology with lab
b (B I O L 1 0 0 0 0 ( S T E M ) , B I O L 1 0 2 0 0 ( S T E M )

o r e q u i v a l e n t )
• o v e r a l
ciences
major
in
lands
prings
semesters.
Advisers
welcome.
http://www.hunter.cuny.edu/prospectivestudents/ugses
choices. Be sure to select "Medical Laboratory Sciences" at H
so students should apply as early as possible. Admission deadlines
February 15
Students are encouraged to complete most of the respective study sets.
Department of Medical Sciences is dedicated to equal opportunity in education and employment.
t
u
i
n
i
ty
f
o
r
a
l
l
a
p
pl
i
c
a
nt
s
w
h
o
m
e
e
et
a
d
m
i
ss
i
on
r
e
q
u
ir
e
m
en
t
s.
Hunter Core Requirement

Several courses within
This major may fulfill parts of the Hunter Core Requirement (CUN
oad
evance
the
student
on
the
path
to
the
major.
Details
on
the
Hunt
(800 credits)
Math Courses (3-11 credits)
appropriate departmental workshop 4 hrs. (2 lecture, 2 lab) 3 cr.
Level mathematics and elementary statistics.

preq:

MATH I
NEW with a grade of C or better.

Not credited for study.
who have previously passed any course number above
and Trigonometry

Hunter Core Math/Quantitative Reasoning
giraph, line, query, and table, polynomial, relational, example.
logarithmetic, and trigonometric functions: topics in trigonometry,
ions.

Students who would plan on taking calculus should register
take calculus.

Note: This course is equivalent to MATH 12500.
No text content can be extracted from this page.
Elementary Probability and Statistics
and statistical computing.
Hands-on data analysis.
Graphical
inference.
The five numbers summary, box plots, scatter plots,
dents who have taken calculus or place into calculus by the place
a
d
P
h
y
s
i
c
a
l
S
c
i
e
t
c
e
s
(L
P
S)
:
S
c
i
e
n
t
i
f
i
c
W
o
r
l
d
(S
W)
P
l
u
r
a
l
i
s
m
a
The chemical basis of life: basics
structure and function of pro-euca...
ics; Mendelian and molecular genetics; development and mechanism
etici e evoluzione.

Matematica:

$\frac{4}{3}$
nco
pol
tio
of
BO
and
1
0
2
0.
pre
q:
CHE
M1
2
0
and
MAT
Ific World (SW); Life and Physical Sciences (LPS) Pluralism and
transport and gas exchange in plants and animals; plant hormones;
osmoregulation; mechanisms of action in the muscular, nervous
terial fee: $5

Awarded only upon completion of BIOL 100
LIFE AND PHYSICAL SCIENCES (LPS)
GER 2/E

In-depth introduction
if World (SW) GER 2/E

In-depth introduction to thermodynamics
ics, redox reactions, electrochemistry and chemical equilibrium
designed to illustrate the fundamental laws of chemistry. The c
re, bonding, and reactions of organic molecules. Synthesis,
reaction mechanisms.
traction, chromatography, qualitative analysis, spectroscopy
Note: Studio settings for CH2230 and CH22301.
Physicists: Infrared Courier in Mechanics, Heat
scientific World (SW)
hrs (lec, lab, rec) 4.
5 cr.

* The

5 0 0 or 1 2 5 5 0 0 or 1 5 0 0 0 or 1 5 5 0 0
7 hrs (lec, lab, rec) 4.
5 cr.
sin the Medical Laboratory

Function of the Medical Laboratory
event of this course requires

B I O L 1 0 0 0

C H E M 1 0 2 0 0

an

physiology:

Integration and Control

Study of func
e
g
r
a
t
d
o
g
a
n
i
s
m
a
n
a
s
c
i
a
t
c
o
n
r
o
l
s
y
s
m
E
l
e
c
o
r
s
y
s
m
s
E
l
e
c
o
r
s
y
s
m
s
Human Histology

Structure and function of normal human tissues
5 hours (2 lecture, 3 lab) 3 cr.

Clinical Mic
Continuation of MLSP 35100 with particular...
mphasis
son anaerobic bacteria, fungi, and viruses, diagnostic
q u e s p r e q:
M L S

3 0 0 0, 3 5 1 0 0
or quiv.

5 hrs (2h, 3h, 4h).

c r.
Metabolism

Basic macromolecules of life, including...
oicids, lipids, nucleic acids, and carbohydrates; membrane
o chemistry and signal transduction; cellular metabolism and
rereq: CHEME2200hrs (2lec, 3lab) 3.5cr.
MMLSP 355-000-66000
human disease. Laboratory methodologies include analysis of p
roteins, including enzymes in clinical samples, and manipulate
ion of microbial nucleic acids.

\[ \text{PREREQ: MLSP354005 hrs (2lec, 3} \]
information systems. Approximately 3 additional information
ours are required weekly.

**Prereq:** MATH 15000 or STAT 11300 3 hrs.
ealth tho ether biom edical labor atories. Arranged on an individu
q : M L S 3 5 1 0 0 c o r e q : M L S 3 4 7 0 0 , 3 5 2 0 0 5 h r s ( 2 l e c , 3 l a b ) 4 c r .
Immunology
Cellular reactions in immunology, structure
PH 3300 - Principles of Epidemiology
miology

Methods of study of disease: risk factors; distribution
Map for Medical Lab Sciences: Clinical Sciences B.S.

MLS 3 1
on the integrated organism and associated controls.
Electronic resources are used extensively in this course.
humantissues
andcells,
includingsystematics
studyofmicroscope
opic morphology.
coreq: MLS 31205 hrs (2lec, 3lab) 3cr.
g of microorganisms and toxins most frequently considered in p
n and control for first responders, lab practitioners and other
health care professionals, emergency communication, and prev...
In addition to classroom activities, students participate.

...
Technologists

Pre req: MLS 3540 and MLS 3550
3 hrs 3 cr.

MLS 45
sand monoclonal antibody techniques. Several linear forms also
required each week in the lab and it is scheduled classes
L S 3 5 2 0 0 , 3 5 4 0 0 5 h r s ( 2 1 e c , 3 l a b ) 3 c r .

M L S 4 8 0 0 1 - 4 8 0 0 3 - I n
niques in the Medical Laboratory

Function of the medical...
equipment.
Approximately 1 - 2 informal laboratory hours are req
Hematology
Study of normal and pathological condition
a n k i n g.

p r e r e q:

M L S
P 3 0 0 0 0 5
hrs (2 lec., 3 lab.) 3 cr.
Clinical Microbiology
Properties and mechanisms
isms of pathogenesis is of microorganisms associated with diseases.
and the antimicrobial agents used to control them.
Continuation of MLS 3 5 1 0 0 with particular
nebicochemistry and signal transduction; cellular metabolism
a
nd
b
io
e
en
er
ge
ti
c
s;
c
li
n
ic
al
a
nd
b
io
c
he
m
ical
l
ab
or
at
ory
m
et
h
o
CH22005

hrs (2lec, 3lab)

MLSP35500
sis of human disease. Laboratory methodologies include analysis.
lec), 3 lab) 3.
.
MLSP 36100
- Computers and Data Proce
s
i
n
i
g
i
n
h
M
e
d
i
c
a
l
L
a
b
o
r
a
t
y
S
t
u
d
y
of
c
o
m
p
u
r
i
n
g

information systems.

Approximately 3 additional information systems.
Labs hours are required weekly.

Prereq:
Math 15000 or Stat 11300
Sciences

Topics vary from semester to semester and are announced...
ic
disease and laboratory techniques used to characterize antiretroviral treatment-resistant HIV-1 strains.
MLSP 45700 - Senior Seminar

Oral Presentations and
udents to the use and proper citation of the biomedical literature.
udents the chance to explore musical expression through performance.
field of exciting performance opportunities for
every playing and singing ability. All under graduate music maj
Many other subjects, including composition, arra
computer music, and ethnomusicology are available leases.
nsembles include College Choir, Chamber Singers, Opera, Jazz
ocal Workshop, Jazz Ensemble, Jazz and Popular Music Combos, Ch
The given text does not contain any coherent information. It appears to be a series of random letters and symbols.
Students planning to teach this subject in grades 7-12 should...
uld look at the School of Education: Program List for information.
NYS smalls.

Grand Studs

Gardens of
Se
t
ni
or
swi
th
i
ng
credi
ts of
gradua
tio
n
may a
pply
to
the
Ad
mi
ss
s
Fax: (212) 772-5022

Website: http://www.hunter.cuny.edu
u
/m
usic
E-
ma
il:
mu
sic
@
hu
nte
r.
cun
y.
ed
u
C
h
ai
r:
Su
za
nn
eF
ar
orth (212) 772-5020 fax: (212) 772-5022 http://www.hunter.cu
I would like to introduce music performance teachers of music performance. It provides intensive instruction.
mission to this program mis
conditional on passing an audition (p
ig level of skill in performance.

Hunter Core Requi
of the Hunter Core Requirement (CUNY Common Core [CCC], Concur...
When selecting courses, it may be to a student's advantage to review the requirements. Raising grades in curriculums. Where
Maj (60 cr.
Musicto:
Me:
1980-8
in the European pertinent to 1600.
History I (W)

Pluralism and Diversity

P D / D Form music majors
Euro opinion for from 1600 to 1800.

MUSH 2010, 20
MUSHL30500 - Music History (W)

Plural
A history of music in the European tradition from 1800 to the present.
n, p, r, e, q, o, c, r, e, q:
p, r, e, q, s:
M, U, S, T, H, 2, 2, 0, 0, a, n, d, 2, 3, 0, 0, o, r, p, e, m, d, e, p
h y t h m i c, c o n t r a p u n t a l, h a r m o n i c, a n d f o r m a l o r g a n i z a t i o n o f m
use precautionary ability to read music as demonstrated by dept. exa.
Music Theory

Continuation of Music Theory 2200

pre
requ
keyboards and drill on materials studied in the corequisite course.
Individual work in the Computer Assisted Instruction facility
Music Theory

Intermediate levels study of melodic, rh
<table>
<thead>
<tr>
<th>Prize</th>
<th>STH 2010</th>
<th>Coreq</th>
<th>STH 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
c o r e q u i s i t e c o u r s e.

I n d i v i d u a l w o r k i n t h e C o m p u t e r A s s i s t e d l
all
Instruction
in
Instrument
or
Voice

Limited
to
study
In the 60-credit BMus program and the BA/MA music program.
Performance ensembles:

For instrumentalists
credits from the following:

MUSPF23100 - Hunter Sympho
Rehearsals and performance of orchestral works.

Maybe take

my

Rehearsals and performance of orchestral works.
Study and performance of popular forms of music, including dance.
e, jazz, and musical comedy. Maybe taken 6 times.
2 hrs 1 cr.
Chamber Music Workshop

Rehearsal and public
erformance of instrumental chamber works.
and Popular Music Combinations

Study and performance within
mall ensemble context of the popular music genres, such as Pop, R
imes.

prereq: aud

dept.

permission required 2 h
and performance of representative works of piano repertoire
relevant to the semester's stops area. Each semester will also join
Maybe taken 4 times.

core q: MU SPF 40 10 0 or 43 10 0 2 hrs 1 cr.

For s
College Choir

Open to all students.
Rehearsals and public performances.
formance of major choral works. Maybe taken 8 times.
3 hrs later.
r m a n c e a n d i m p r o v i s a t i o n.
M a y b e t a k e n 6 t i m e s.

p r e r e q:
M U S P F l l
in Voice, and audition 2 hrs 1 cr.

MUSPF 35
Chamber Singers

Study and public performance of solo
care.
Each semester will also include individual attention to
Ano Proficiency Requirement

All music majors
is a prerequisite for the third semester of study in musical theory.
Degree Map for Music 60 cr.

B Mus

Degree
This degree is designed for students who want to study...
odicals, scores, recordings, Internet resources); types of wr...
a l ) : w r i t i n g i s s u e s s p e c i f i c t o m u s i c . c o r e q : M U S H L 2 0 5 0 p r e r e
Elementary knowledge of music history and literature,
From our recent survey of music majors, we have observed a significant increase in the number of students choosing to specialize in electronic music. This trend is particularly evident among younger students, who are more inclined towards innovative and experimental approaches in their musical careers. The rise in popularity of music technology is thus fostering a new era of creative expression in the field of music.
the history of music in the European tradition from 1600 to 1800.
0
Review of fundamentals of music theory: introduction to...
zation of music.
prereq: ability to read music as demonstrated by...
y d e p t .

e x a m .

p e r m d e p t .

c o r e q .

M U S T

2

3

0

0

3 hr

3 cr.

o f f e r e d f a
raining, and keyboard and alright
individual work in the Computer Assisted Instruction course.
if a
ity.

co
M
US
TH
2
0
3
h
2
cr.

of
fe
d
al

M
US
TH
req: MUST
H 23000 core
req: MUST
H 221003 hrs 2 core.
offered spring
Performance:
MUSPFF22100 - College Choir
Opening
all students.
Rehearsal and public performance of majestic choral
works.
Maybe taken 8 times.
3 hrs 1 cr.

Piano
Proficiency
ary proficiency at the piano. Students should plant foliage.
signed for students planning to pursue professional careers
music. It provides basic training in all areas of music and service.
er Core Requirement can be found here: General Education - Effic
Music Research

Techniques of research and writing about m...
writing (theoretical, historical, ethnological, critical)
elementary knowledge of music history and literature
e, demonstrated by dept.
exam core q: MUSH
L 20100 prer eq or core q
History III (W)

Pluralism and Diversity

PD/DC

Continuation
Music theory:

MUSTH 20100

Int
Introduction to Music Technology

An introduction to basic
cing, and giving it adequate perspective:
and 2300, or perhaps farther.

MUST
c a s e

d e m o n s t r a t e d
b y
de p t.

e x a m.

p e r m d e p t.
c o

c q:
M U S T
H 2
3 0
0 0
3 h
In every individual work in the Computer World.
ate-level study of melodic, rhythmic, contrapuntal, harmonic
Working in the Computer Assisted Instruction facility.

prereq:
MU
or, the BA/MA music major and the music minor.
Audition demonstrates
specific
Association (NYSMA) at
level 12 or higher. Students
must take
performance of major choral works. May be taken 8 times. 3 hrs/lec.
ance of orchestral works. Maybe taken 8 times.

pre
preeq:

da
ditio

ud
itio

ce of
c h
estra
al
or
k s.

et
aken
8
times.

re
req:

dition
2 credits in performance electric
MUSPF 22100 - College Choir

Open to all students
Rehearsals and performances of orchestral works.

Maybe taken Seriously
a
z
z
E
n
s
m
b
l
O
p
e
n
t
o
a
l
i
s
t
r
m
e
n
t
a
l
i
s
b
y
a
u
d
i
t
i
o
n.
S
u
a, and some food.

May better make 6 times.

MUSPF2
such as Pop, Rock, Hip-Hop, R&B, Country, Bluegrass, and Jazz.
required 2 hrs / cr.

MUSP25100 - Jazz Vocal Workshop
me.

preq:

MSF 110 or 210 or 410 in Voice, and an audit itio
public performance of instrumental chamber works. Maybe taken
times.

pre req: audition, performance.

2 hrs 1 cr.

MUSP 36500
advanced piano students focusing on a different topic in each lesson.
stopic area. Each semester will also include individual latte
Vocal Performance Seminar for Advanced Vocal Performance
The text appears to be scrambled or incorrect. It is not possible to transcribe the content accurately.
the 25-credit BA music major, the BA/MMA
following the second and subsequent semesters of private lessons
vel 4 or higher.
Maybe taken 8 times.
pre req:
perm dept.
hr 1 cr.
Electives:

• 4 credits in music courses above the 100-level
year of study. A passing grade on the piano proficiency exam indicates...
amination.

Degree Map

Degree Map for Music 42 Credit
Music Bachelor's Degrees

Return to: Department
and basic musicianship skills. This examination is a prerequisite.
all on their own, then repeat the examination.

- Performance audi...
(\pi_{\text{non}}), or positively at the
t d e m o n s t r a t e e l e m e n t a r y p r o f i c i e n c y a t t h e p i a n o.
S t u d e n t s s h
ould plan to fulfill this requirement during their first year of
A passing grade on the piano proficiency examination is a study.
Students entering Hunter with limited keyb
Music Department Office has a list of recommended pianoteacher.
In a cord with Hutter College, your
i c, a st u d e n t m u s t h a v e a 3.
5 g r a d e p o i n t a v e r a g e i n m a j o r c o u r s e s.
must beat the 200 level or higher. Prospective minors who have
from the courses by passing the same entrance examination
Major - BA

Music minors must substitute more advanced courses
in any area of music study, which may include private lessons and
ensembles, for the courses from which they are exempt.
ion studied with a mind to development of perceptionlessness. 3 hrs 3 cr.
The World of Music
res
s
i
o
(C
E
) Plurality and Diversity
P D / AGE R 2 / D
For non-major
Introduction to music from a spectrum of world cultures.
including Africa, Asia, and the Caribbean. 3 hrs 3 cr.

MUSTH 1010
ession (CE) GER 2 D

For non-majors. Introduction to music theory
r
y,
si
g
h
g
n
g
i
`
3
h
3
c.
M
U
S
H
2
0
1
0
0
0
and writing about music. Sources of information (reference books)
s
ou
r
ce
s
)
;
ty
p
es
o
f
writ
i
n
g(th
e
ore
ti
cal,h
is
to
ric
al,et
hn
om
For music majors.
Survey of the history of music in the European
A Study of Operatic Styles of such Composers as Mozart, Verdi, a
n d W a g n e r . p r e r e q : E N G L 1 2 0 0 0 ; o n e o f t h e f o l l o w i n g : M U S H L 1 0 1 0 0
History of Jazz (W)

Pluralism and Diversity

P
D
B
E
R
Survey of jazz from its origins to the present.
An instrument for the 1950s to the present, exa...
the United States in particular and the hemispheric general.\"
MUSIC (W)

GER

3/A

Study of ethnic music of selected cultures
prereq:
ENG 12000
one of the following:
MUSH 10100, 10700, 2
and their parents of the world.

ENGL 2000; one of the few
e
r
s
i
ty
P
D
A
G
E
R
3
A
M
u
s
c
a
nd
i
t
s
r
e
l
a
t
i
o
n
s
h
i
p
t
d
a
c
e
a
nd
d
r
a
m
Asia, Central Asia, and the Middle East.

ENGL 2000; one
folowing:

| MUH  | 101010, 107000, 205000, MUSH 101000, or part |
Museum and its relation to model, model, old disciplines, literacy, music,
stand Northwest Africa.

prefer or coreq:
MUSH 1010
or MUSH 1070
A function and perspective for a case.
L
L
2
0
0
0
;
0
o
n
o
f
h
e
f
o
l
l
w
i
n
g
;
M
U
S
H
L
1
0
1
0
0
,
1
0
7
0
0
,
2
5
0
0
0
,
M
U
S
T
H
1
Pluralism and Diversity

An ethnomusicologist
n
E:
M U S H L 1 0 1 0 0 0
1 1 0 7 0 0 0
2 0 5 0 0 0
M U S T H 1 0 1 0 0 0
W G S 1 0 0 0 0 0
o r p e r m
1
majors.

preq: ENG 12000; one of the following:

MUSH 10100.
Special Topics in History and Literature of Music
fyp

D.prereq:
ENG 1200
one of the following:
MUSH 10100, 107
- Special Topics in Music (W)

A study of a musical topic
USHL10100
10700
20500
MUSTH10100
or permanstem
3hrs3cr
usic in the European tradition from 1800 to the present.
central issues in the history of European music, such as the role...
to instruments and performing ensembles, and the impact of his
Pluralism and Diversity
to be announced.

Maybe taken 6 times.

prior: ENG

12 000

variations
nd learning chords, strums, and fingerpicking. Students mus
supply their own instruments.

Example:

MUST
H10L00
or per mdpt
Fornonmajors.

Classlesslessons

in

Piano:

Basi
techniques.

Playi
production, articulation, interpretation, and style. Vocali
100
. pr er eq : MU SP F 2 1 1 0 0 or pe r m de pt . 2 h rs 1 cr .
es, simples, and navigare.

decidemus.
a t i o n o f M U S P F 2 1 3 0 0 .

pr e q : M U S P F 2 1 3 0 0 o r p e r m d e p i t . 2 h r s 1 c r .
a l a n d p u b l i c p e r f o r m a n c e o f m a j o r c h o r a l w o r k s. M a y b e t a k e n 8 t i
and performance of orchestral works. Maybe taken 8 times.
Jazz performance and improvisation.
May be taken 6 times.
q: MUSP

111000 or 211000 or 401000 in Voice, and audition 2 hrs 1 cr.
eriri, and sincerely:

MUST

3

or

permanently.
erformance of solo and chamber works from all musical eras.
l i c e r f o r m a n c e o f i n s t r u m e n t a l c h a m b e r w o r k s.
M a y b e t a k e n 6 t i
messages.

required: audition, permission.

2 hrs 1 cr.

MUSPF36100S
Special Studies in Performance of Music

Number of Works
are studied, rehearsed, and performed.

Topics to be announced.
Social Studies in Performance of Music

Number of works a
restudied, rehearsed, and performed. Topics to be announced.
The seminar will involve study and performance of repren...
tative works of pianorepertoire relevant to the semester, stop
Each semester will also include individual attention.
Performance
Seminar in performance for advanced voices.
dentists focusing on a different topic each semester. These seminars...
will involve study and performance of representative works of v
Preparation and performance of a fully staged opera.
May
Instrumentation

Limited to the 42 credit BAmusic major
The jury examination required.
aken 8 times.

prereq:

perm dept.

hrs

cr.

MUSPF40200

Indi
Intravenous injectable treatment.
notationsoftware,
MIDIssequencing,
anddigitalaudioediting
. .

.g

 prer eq or core q:
 prer eqs:
 MUSTH
2 2000
and 23000
or perm dept.
keyboard drill on materials studied in the corequisite course.
Individual work in the Computer Assisted Instruction facility
ythmic, contrapuntal, harmonic, and formal organization of music
ard drill on materials studied in corequisitely.
all work in the Computer Assisted Instruction facility.

prereq:
core q:
MUSTH3
2300
hrs 2 cr.
offered fall

MUSTH3
from the images.

preq:

MUST 2210 and 2310 or perm.
music composition.
New pitch materials; composing for solo instrument.
Using techniques such as MIDIs, hardwaresy
ools.

prereq:
MUST
TH
22100
and
23100
or
perm dep.
3 hrs
3 cr.
Topics in Music Theory

Study of selected
MUST 20
alcohol questions.

: MUS

TH 3 7 0 0 or pred. 3 hrs 3 cr MUS
Upper Jr./Sr. Only: Individual Project
object of larger escoope in music history, theory, composition, or p
Limited to music majors and music minors. Independent work.
or projects must be submitted to the policy committee of the Musi
pendent work on a project of the student’s choice under the guidance.
cedingsemester.

Permission to enroll in the courseisconditional.
and music minors.

Independent work on a project of the student's
vide the course grade. Proposals for projects must be submitted.
is conditional on approval of the proposal by the committee.
MUSI30102 - Individual Study Project Limited to
m
u
s
i
c
m
a
j
o
r
s
a
n
d
m
u
s
i
c
m
i
n
o
r
s
.
I
n
d
e
p
e
n
d
e
n
t
w
o
r
k
o
n
a
p
r
o
j
e
c
t
f

he student's choice under the guidance of an approved supervisor.
r
w
h
o
w
i
l
p
r
o
v
i
d
e
h
c
o
u
e
r
i
g
r
p
o
s
a
l
f
o
r
p
r
o
j
e
c
r
w
h
o
w
i
l
p
r
o
v
i
d
t
h
c
o
u
e
r
i
g
r
p
o
s
a
l
f
o
r
p
r
o
j
e
c
r
w
h
o
w
i
l
p
r
o
v
i
d
t
h
c
o
u
e
r
i
g
r
p
o
s
a
l
f
o
r
p
r
o
j
e
c
t
s
m
u
s
Limited to music majors and minors. Independent work on a project.
roject of the student, s choice under the guidance of an approved
Independent work on a project of the student's choice under the...
a
d
e
Proposals for projects must be submitted to the policy comm
ittee of the Music Department by the twelfth week of the preceeding
Permission to enroll in the course is conditional on
provide the course grade. Proposals for projects must be submitted.
is conditional on approval of the proposal by the committee.
The purpose of this course is to explore contemporary Jewish...
out individual and social action, the possibility and limits of
Philosophy approaches these questions in a systematic way and
to a new write them (or how why they can not be where). The course...
critically, to write thoughtfully, to use intelligence and logic
ictodeal with problems all too often ruled by emotion and prejudice.
individual
courses
as a
major or
minor
is
excellent
prepa
r at ion fo r an y p ro f e s s ion o r o cc up at ion.

S t u d e n ts o f p hil o so p h y
e arts.
Some go onto study philosophy at the graduate level with t
do
with
a
degree
in
Philosophy?
Ph"iloso"phy ma"jors pur"sue many di"fferent care"ers.

Ph"iloso"phy
sophy prepares students to pursue graduate studies in a variety
of fields.

Philosophers report for extremely well-growing and useful developments.
test school entrance exams and score higher on the GRE than graduate
but

intrinsically

valuable

—and

not

just

as

an

and

someone

but
Hello — is too except your mind in ways that are hopeful.
The department especially encourages students majoring in

ori
Faculty
Chair:
Justin Garson 1417 West (212)
of Operation:
Monday - Friday
9:00 AM - 5:00 PM

West (212) 7
Politics and Society

The degree is a...
T he D eg r ee M ap is a t o o l t o a s s i s t y o u a n d y o u r a d v i s o r i n p l a n n i n g
your academic path to graduation. Use it along with the program.
a
n
D
e
g
r
e
e
W
o
r
k
s
(s
u
d
e
n
t
d
e
g
r
e
e
a
u
d
i
t
s
m
a
u
o
u
a

r
a
academic plan with your advisor. Courses required for the major.
students are encouraged to writing intensively during study sessions.
Yours specifically program of study could, and probably will look.
This course trains students to analyze development.
open and evaluate ideas and to express themselves clearly and effectively.
successful completion of developmental courses, if required 3 hrs & co
In:

P. H. I. L. O. 1060-00 - 0000

nd research skills. Students gain a deeper understanding and apply...
ENG 12000 and one previous course in philosophy. 3 hrs 3 cr.
sophy

3 hrs 3 cr.

• Foreign Language Level 2

• Scientific World
s o f M o d e r n P h i l o s o p h y
( W )
P l u r a l i s m
a n d D i v e r s i t y
P D /
D G
Study of major philosophers of the 17th and early 18th centuries
turies such as Descartes, Spinoza, Leibniz, Locke, Berkeley, an
3 hrs

- PHL 24800 - International Ethics (W)
or

- PHL 25
dividual & Society / Humanities

• Life and Physical Sciences
preq: Engl 12000
and two prerequisite courses in philosophy 3 h
economic, political, and social justice, such as political liberal...
environmental rights.

prerequisites:
ENGL 2000, and either:
  a) two courses
A Study of Writings of One or Two Major Philosophers.
riable (see program prerequisites)
3 hrs 3 cr.
• World Cultures &
Global Issues

- Creative Expression
- Foreign Language Level
courses in philosophy, at least one of which is at the 200 level.
hi
l
o
s
o
p
h
y
E
l
c
a
b
h
o
s
n
f
r
2
0
a
n
3
0
ev
PH
H
L
o
Concentrations:

- Philosopy: Standards Concentrations
- P...
hi
l
o
s
o
p
hy:
Co
n
z
tr
at
io
n
i
n
P
h
i
l
o
s
op
h
y
,
P
o
l
it
ic
s
a
nd
S
oc
i
t
When selecting courses, it may be to a student's advantage to 
Examination of philosophical questions through...
n

duct
e
special
ly
regarding
one,
spersonal
life
and
contempor
nand sequencing and devising a course of study: tracking progress.
Mentoring

Philosophy majors are encouraged to establish
n ph il os opr hy, at least a 3.0 over all GPA. The student must regis
o
J r /
S r
o n ly.
St u
d e n
ts m u
s t p re
s e n
t a p ro
p o
sa l f or
a n i
nd
i
v
i
d u
a l
a tion.

pre req: 3.0 cum GPA and 3.5 major GPA; philosophy majors
only, minor with 20th level PHL courses, none of which...
courses at 300 level, per

ministr.

(see

Program

Prereq

uisites

)
n
d
S
o
ci
ey
(S
oci
cen
) - I
&S
S
P
ul
ari
m
an
D
ev
i
ty
PD/
History of Philosophy
12000 and one previous course in philosophy. 3 hrs 3 cr.
...
al Philosophy (3 cr.)

PHIL 24600 - Political
One of:

PHILO 24400 - Morality
philosophy (W)

GER
3/1

Study of selected problems in philosophy
r n a t i o n a l E t h i c s (W)
G E R
3 / B
S t u d y o f t h e e t h i c a l d i m e n s i
ons of problems in contemporary international relations, such
as war and peace, imperialism, national identity and development...
nt. pre req.: ENGL 1200 and one previous course in philosophy. 3 h.
Intensives

Prereq: English 1200 3 hrs 3 cr.
Concerning their political and/or social
Theory (W)

Physical and Diversity PD/DEER 3/AS
deas in the work of Marx, Weber, and Freud.

ENG 1200 and
2 courses in philosophy, 1 at the 200-level 3 hrs 3 cr.
Wittgenstein (W)
Philo 38083
Heidegger (W)
Philo 38086

FOU
caul (W) pre req: Two courses in philosophy, at least one of which
One of: PHILO 3460 - C
ocial justice, such as political liberalism, democracies, etc.,
l, m, c, m, u, n, t, a, n, d, c, i, v, i, c, r, p, b, l, i, a, i, s, m.
tural context, their scope extends civil - political and economic - so
q: ENGL 12000, and either two courses in philosophy, with a total...
European Culture in the 16th, 17th and 18th Centuries
The impact of the Reformation. Counter-Reformation.
at the 300-level and above not offered to freshmen.
culture, art, religion and science. European political and social
Political Thought (W)

Pluralism and Diversity

PD/GER3/B
The study of selected writers from the ancient Greeks to the Renaissance
aissance (e.g., Platotomachia), focusing on the political
The study of selected political writers (e.g., Hobbes to Nietzsche)
with special emphasis given to the nature of and problems.
With liberty, equality and justice in modern societies and states...
They have included democracy in America, a
tive of gender relations and the treatment of women.
amination of ideas that have shaped American politics from the R
rationalists, progressivism and responses to industrialization
do democracy

pre
req:
ENGL 1200
or its equiv
ent:
one course
Oligarchy and Emergency (W)
GER 3/B
This seminar in politics...
all theory examines the issue of emergency powers in constitution
It will examine various attempts to define what national democracies.

democracies.
unde

democracy
as a political order, democracy and non-political
all from so well (e.g., uses, famil, rely, on), to tel
Readings in feminist ideas, both historical and contemporary
orary, on issues of power, justice and equality. The course will
or its equivalent; one course in political theory or philosophy
ciplinary course, it will require students to make an inquiry in...
ly by a faculty adviser who specializes in the substantive area of
Each student will write an appropria
This course is only open...
lany other requirements. This course is taken at the state of th
credits, have declared major, and cumulative GPA of 3.0 or high.
Recommended for students with particular
The following courses are recommended for students with...
inclusive symbolizations, truth-value tables, formal de...
riva
tions,
Predi
cat elo
gi c
inclu
dings
ymbol
izations,
i
erp
and formal derivations. Cross listed MATH 275003 hr.
logy.

prereq:

ENG 1200
and one
previous
course
in phi
losophy.
zations, t
truth - v
values, f
formal deriva
tions, predi
catел
consumption, sexual deviance, and environmental destruction.
dimensions of problems in contemporary international relations
f a c a d e m i c a n d p r a c t i c a l d i s c o u r s e o f h u m a n r i g h t s w i t h t h e c e n t
r ary soc ial probl ems, such as poverty, consumption, sexual dev
i an ce, r ac is m and en vi ron m ental de st ruc tion.
pr e q : ENGL 120
and one previous course in philosophy. 3 hrs 3 cr.
Classical theorists and their contributions.
nature of evidence applied to leading theories.

Theory construction...
prerequisite:
SOC 10100
SOC 22100
and ENGL 12000
3 hrs 3 cr.
Note:

Certain new, ad hoc, or independent study courses may
taken in partial satisfaction of requirements listed above.
lowing (3c).

PHILO1001

In order
to

Ph
ings, symbolizations, interpretations and derivations.
Study of major works of Plato and Aristotle in the
context of the philosophical thought of the ancient world.
Pluralism and Diversity

Study of major philosophes
rsof
the
17th
and
early
18th
centuries
such
as
Descartes,
Spinoza
previoucoursenphilosophy
3hrs3cr.

PHIL 31800 - Rev
In Modern Philosophy (W)
Pluralism and Diversity
Study of major philosophers of the 18th and 19th centuries.
n the centuries such as Kant, Hegel, Schopenhauer, Feuerbach, Ki
ics and Aesthetics (3 cr.)

any course from PHI...
and suppose your phone...
Study of philosophical issues that arise in our understanding of...
N
G
L
1
2
0
0
a
n
do
ne
pre
vi
ou
sc
ou
r
se
e
i
n
p
h
i
l
o
s
o
p
h
y
. 3
h
r
s
3
c
r
.
...of major metaphysical views, such as materialism, idealism...
ominalism and realism.
The major question is: What is reality?
n
p
h
i
l
o
s
o
p
h
ty,
at least one of which is at the 200 level.
- 3 hrs 3 cr.
requires, making, reforere, perte:

Two cousins in pithos
on, consciousness, supervision, emotion, self-knowledge.
prereq: Two courses in philosophy, at least one of which is at the
Two courses in philosophy, at least
A study of a Major Philosopher (3 cr.)
Additional Required Credits (9 credits)
they are encouraged to select courses that acquaint them with...
lines – Computer Science, Mathematics, and Philosophy. This
estions about that these disciplines raise, their method
or in Logic. Each of the three disciplines is represented by a na...
ourse must be taken before students are able to sign up for the Min...
Logic in the disciplines of Mathematics
at
tical

induction,
the
sound
ness
and
completeness
of
the
orems.
on
inning
a
topic
of
particular
interest
to
mathematicians
and
com
aboration, thinking up and formalizing new logical techniques
additional (a.k.a. "classical") logic. This course will begin...
ophical motivations, and some of their applications.
This course introduces students to its applications.
logistics, crosses - listed MATH 37200 / PHYSIOLOGY 37200 pre req: CS 1500

I
in and probably for all judgment.

Different is the

problem of...
emotions, will be considered.

3 hrs 3 cr of each semester

PHI
clearly and effectively. Introduction to documented research.
may count toward the minor at the 200-level and PH
I'll be very careful.
Note:
Students should always consult with a Phi...
A student must take, as a prerequisite to the minor, PHILO 10600.
- level.
Non-philosophy courses are counting toward the PP Smajorc
The PPS minor will pass with a minimum GPA of 3.00.

Note: When constructing
citing a minor in the PPS concentration, as students should always seek...
Standard concentration

- Minor in Philosophy, Politics, and

Society

• Minor in Political Theory

• Minor in Logic

PHI
ing ones personal life and contemporary social problems, will
An introduction to logical analysis and evaluation.
especially applied to scientific arguments. Recognizing arguments...
y of sel ected p roblem s in p hilosophi ca l e thi cs a nd m oral psyc h o
logy.

pre req: ENGL 12000 and one previous course in philosophy.
economics and society.

pre req:

ENG L 2000 and one previous course
and suppose the

3hrs.

PHI.
such as poverty, consumption, sexual deviance, racism and environment.
environmental destruction.

prereq: ENGL 1200 and one previous course

...
f 

i 

m 

i 

f 

e 

dl 

i 

f 

s 
v 
i 

g 

t 

h 

e 

a 

p 

y 
.

p 

r 

r 

q:

E

N

G

L

12000

h 

r 

3 

c 

r 

.
environmental sciences.

prerequisite:
ENGL 1200 3 hrs 3 cr.
PHILO 25800 - Aesthetics (W)

GER 31

St
Study of philosophical issues that arise in our understanding and
pose and standardsof criticism and aesthetic value.

*pre* *pre* *q*: EN
G
L
1
2
0
0
0
a
n
do
e
p
r
e
v
i
c
r
s
i
n
p
h
i
l
s
o
p
h
y
.
3
h
r
s
3
c
r
.

P
H
I
L
utilitarianism, intuitionism, prescriptivism, and constructivism.
PHILO 34600 - Contemporary Theories of Justice
i c e ( W )

GER
3 / B

A study of important contemporary theories of
a l p h i l o s o p h y
p r e r e q: E N G L 1 2 0 0 0
p l u s t w o c o u r s e s i n p h i l o s o p h y
and either two courses in philosophy, with at least one at the 2
world.

prerequisites:

ENG 1200 and one previous course in philosophy.
realism and diversity

Study of major writings by med
Arabic, Christian and Jewish philosophers such as Averroes.
Aquinas and Maimonides.

preq:
ENGL 1200 and one previous
Your hilltop.

3hrs

cr.

PHIL2500. 60256025

dated
Study of major philosophers of the 17th and early 18th centuries
sof Indian philosophy, drawn from the Vedic, Buddhist, and Indian
Neoplatonism (W)

Pluralism and Diversity (PD/GER)
A study of the main thinkers and ideas in ancient and medieval
Neoplatonism, emphasizing Platonists and Augustinians.
Pluralism (W)

Pluralism and Diversity

Philosophy
cal and literary writings of major existentialists. Topics since
Pluralism and Diversity

Study of major philosophies
ophers of the late 18th and 19th centuries such as Kant, Hegel, Sch
req.: ENG 1200 and two previous courses in philosophy 3 hrs 3 cr.
rs, such as Lucás, Adorno, and Marcuse, who attempted to develop
ration of such representative figures as Dewey, Moore, White...
De Beauvoir, Quine, Rorty and Rawls.

priv q:
T
w
c
o
c
o
c
r
s
es
i
n
p
h
i
osophy, at least one of which is at the 200 level.
- 3 hrs 3 cr.

PHIL
nd real-world systems. Topics include various logics and their
intelligence, along with proof systems and tools for automated
well as philosophers. Philosophers have often functioned as thinkers.
solve problems that can't be solved by traditional (a.k.a. "d to solve pr...
these novel classical logics, their philosophical motivation
andsome of their applications.
plains and narrate historical events. We will survey the major
in the seas, so calves, and humbly.
p reque
Two courses in philosophy, at least one of which is at the 200 level.
In times of the world and legacies of a major
The course may be repeated as different figures are
offered.

Figures include:

PHIL 3801
Plato (W)

PHIL 3801

Aril
cy of Plato.

prereq: Two courses in philosophy, at least one of which
G E R
3 A

Intensive study of the works and legacy of Aristotle
Two cures in hypnosis, as to which...
In specific conditions of the world and daily use.
the works and legacy of Hume.

prereq: Two courses in philosophy.
Two courses in philosophy, at least one of which is at...
Intensive study of the works and legacy of Marx (W)}
Two courses in philosophy, at least one of w...
Intensive study of the works and legacy of Nietzsche
Two courses in philosophy, at least one of which is a
Intensive study of the works and legacy of Wittgenstein.
The relationship between these two cousins in philosophy, at least of what is at the heart of the case.
day of the works and legacy of Foucault.

Two courses in phi

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

pre

prec
loosophy, at least one of which is at the 200 level. 3 hrs 3 cr.
hierarchical examination of some religious questions and beliefs.
and Reality (W)

Pluralism and Diversity PD / DGER 3 / A

An
ontocentral concepts and issues in contemporary philosophies
of mind, language, psychology, and cognitive science.
ENG 12000 and one previous course in philosophy. 3 hrs 3 cr.
Study of metaphysical views, such as materialism
is really and how it be known?
Two courses in philosophy, at least one of which is at the 200 level
ologies (W)

Pluralism and Diversity PD/C Recent work in feminism
hy of science.
one of which must beat the 200-level 3-hour 3-credit...
Philosophy of Language (W)

GER
3/
A

Inquiry into the phil...
ophy of Mind (W)

Examination of the concept of mind
Study of such issues as the nature of demonstration or proof.
and the nature of mathematical knowledge and mathematical objects.
one PHI course and one MATH course (precalc
**Logy (W)**

**Philosophical Problems of Biology**, including evolution.
ral and social sciences.
prereq: Two courses in philosophy, at l
Study of writings of one or two major philosophers.
er faculty supervision.

prereq:
one PHILO course at 300 level.
requirement for departmental honors at graduation.

prereq:

3
0.5
major GPA;
philosophy majors only, minor with p
P.H. Lecours, one of which may be taken.
prereq:
philosophy major or minor with departmental advisor; 2.5 cum
my Overview

Physics is the study of the basic interactions...
and

of

any

science,

and,

of

course,

it

is

an

exciting

field

of

s
studying its own rights. The primary mission of the Department of P...
h i n k i n g s k i l l s a n d d e v e l o p t h e u n d e r s t a n d i n g a n d p r o b l e m - s o l v
ing abil ities which are in cre as ingly needed in our technologic
majors include lecture courses, laboratory courses, and a chance...
government work; graduate study, and a teaching position.
year of physics may take either the PHYSICS 11000 (STEM) - PHYSICS 12000
sequence (111cr).

Although both sequences cover the same top
and no more..

Phys 11000 (STEM)

Phys 11000 (STEM)
a n o n e s e c o n d - s e m e s t e r c o u r s e ( P H Y S 1 2 0 0 0 ( S T E M ) ). P H Y S 1 2 1 0 0 ( S
grams and Courses in Physics & Astronomy

Administration
with Physics.
The Degree Map is crucial and you
deleterious classes must be selected to concurrently satisfy all
Dents are encouraged to pursue minor orthodontic procedures to correct these
Map to your situation. Consult with your adviser about the be
Students who wish to select this major need a...
and Statistics.

See program details for more information.
Principles of Biology

Math 25000 - Calculus with Analyt
Intermediate Electromagnetism

Foreign Language Elements
S p r i n g

• F o r e i g n L a n g u a g e I n t e r m e d i a t e L e v e l 3

• I n d
Please note the following Maths sequence
If you start MATH 1250 Precalculus...
dentists who seek, by the study of Physics, to acquire critical thin
ociety.

We prepare our undergraduate physics majors for graduate study.
ate and professionals or a variety of careers, including
s tr ial r es e a r c h a n d de v el o p m e n t.

O n e of t h e f o l l o w i n g 2 o p t i o n


- Physics Option 1 (53 - 72 credits)

- Chemistry Concentrations may be taken.
The Department of Physics and Astronomy offers a number of...
advanced courses, listed in the graduate catalog, which give credit.
e students may be admitted to these courses without approval of
tests (LAS)

with at least a 2.0 overall grade-point average to be accepted
Physics - Option 2 (65 - 81 credits)
This context is designed to test understanding.
o
g
a
i
n
a
s
o
l
i
d
f
o
u
n
a
i
n
p
h
y
s
i
c
s
a
n
b
i
o
l
o
g
y,
to
g
e	r
w
i
h
a
specially-designed course in biology which demonstrates...
(+5.2°C), chemistry (15°C) and biology (18°C).

Hunter Co
our ses.
it may be to a stud ent's adv ant age to cho ose cour ses that say itm a y be t o a stud ent's adv ant age to cho ose cour ses that say
Men can be found here: General Education - Effective Fall 2019.
In the case of the Physics major, the courses that are meet.

C.C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.

C.
Course

PHYS 11100 (STEM)

Please note that two core courses
somewhere someone department will count for the CUNY Common Core Requirement
students may place into some more advanced Mathematics courses, students may place into some more advanced Mathematics courses, students may place into some more advanced Mathematics courses, students may place into some more advanced Mathematics courses, students may place into some more advanced Mathematics courses.
i
te
e
es.
Se
e
eh
M
athe
matics
and
Sta
tis
tics
departmen
tfor
detai
Courses in Physics (27 credits)

PHYS 11110
e
c
h
a
n
i
c
s,
H
e
a
t,
and
S
o
u
n
H
u
n
t
C
o
r
S
c
i
n
t
f
i
c
W
o
r
d
(
Life and Physical Sciences (LPS)
For Physics and other...
100 (STEM) - General Physics: Introductory Course
The room is

- Thermodynamics and Statistics
t i c a l M e c h a n i c s
Study of fundamental ideas of heat, reversal...
introduction to statistical nature of so
biological systems, focusing on developing an understanding
ing of the thermodynamics of living systems, on the physical kin
the theory of physical techniques that are used in the study of bi
o logical systems.

pre requirements:
P HYS 3300

B I O L
Courses in Mathematics

Course: Chem 3760
Credits: 4
Hours: 4

Course: Mathematics

Course: Chem 3760
Credits: 4
Hours: 4
inequalities; absolute value, polynomial, rational and radical
all expressions and equations; complex numbers; the function co
Enhanced Topics in Algebra, Graphing and Functions
luding: algebraic and graphical solutions for equations.
nd radical expressions: complex numbers: the fun
successful
in
college
g
bra.
Not
open
to
students
who
have
taken

tional skil
sand strat
gies
needed for ma
ipula
tings symbo
sa
New with a grade of Cor better. Not credited for students who...
is courses is replacing the course MATH 12500 (STEM) for student
linear, quadratic, polynomial, rational, exponential, logarithmic, etc.
ithmic, and trigonometric functions; topics in trigonometry:
instead of this course. Students who complete the
opriatescore on the Mathematics placement test.
Not open to stu
whom have taken MAT 12500 or MAT 12550. 4 hrs 4 cr.
MAT 12500 (STEM) - Precalculus
Hunter Core Math / QST
No credit is awarded to students who have completed MATH 15000 or
these equivalent prerequisites: grade of C or better in MATH 10 or appropriate...
STEM - Precalculus with Workshop

This course replaces
polynomial, rational, exponential, logarithmic, and trigonometric.
Theorem of Algebra; sequences, sums, and the Binomial Theorem
In addition to lecture, students are also required to attend...
sequivalen to

MATH 12500 (STEM)

for grade replacement purpose
s e s e s e
p r e r e q:
M A T H
1 0 1 0 0
/ 1 0 1
E N w i t h a g r a d e o f B - o r b e t t e r O R M A T H
Students will learn applications with formal mathematics.
methods of direct proof, indirect proof, and mathematical induction.
prerequisite:
MATH 12400
or MATH 12500
Not credited
tested to students who have previous credit for MATH 15600. 2 hrs 1 cr
MAT 15000 (STEM) - Calculus I

Hunter Core Math/Quant
tative Reasoning

Limits

Continuity

Differentiat
Differentiation and integration of transcendental functions
in-depth analysis.

This will be applied to th
Core Scientific World (CSW):
Life and Physical Sciences (LPS)
nns, atomic and molecular structure and chemical bonding.
reduction to thermodynamics, redox reactions, electrophysics
all laws of chemistry.
The course is equivalent to one year of general
l chemotherapy laboratory.

Primarily for premed, medical laboratory.
at or by circumstances and majors.

preq: CHEM 1020 coreq: CHEM
Structure, bonding, and reactions of organic...
molecules. Synthesis, stereochemistry, spectroscopy, reaction...
ion mechanisms.

pre eq:
CHEM
10400
with a grade of Corbett 5.
6 hrs (4 lec., 1 recitation/ workshop) 4 cr.
session at all levels; population genetics and evolution. Matter...
al Fee: $500

Dec

cr editor

awarded only upon com
pletion of

BIOL 1000

an
ants and animals; plant hormones; osmoregulation; mechanisms
these senses, behavior; ecology.

Material fee: $5
This course includes a detailed examination of the
ion, and translation will be extensively covered. Prokaryotic
and eukaryotic systems will be described. Classical Mendelian
Repair will be discussed in depth. The course will provide a
idebasics in recombinant DNA technology.

prereq: Advis or pr er
For My Information, check the request.

HEM
etabolites, membranes and nucleic acids; cellular mechanism
tabolism. Experiments cover a variety of modern techniques in
O pen only from j o urs.
7 hr (3 le, 3 lab, 1 di)
4.5 cr.
When selecting courses, it may
nd here: General Education - Effective Fall 2019.

Course: PHYS 11100 (STEM)
Sequence (0 - 17 credits)

MATH 10100 - Algebra
Inclusion:

algebraic and graphical solutions of systems of
raphael and functions including algebraic and graphical solutions.
omial, rational, and exponential functions and their graphs. A
This online course focuses on developing increased mastery.
ter of symbolic computational skills and strategies needed for...
manipulating symbols and solving equations and inequalities
in Precalculus - Level Mathematics and Elementary Statistics.
prerequisite:
MATH 10100

with a grade of C or better.
Not cr
active Reasoning (MQR)

This course is replacing the course MATH l
fun for students who do not intend to take calculus.
citations and their graphs: linear, quadratic, polynomial, rational.
should register for MATH 12550 (STEM) instead of this course.
Students who complete this course will need to register for MATH
in order to take calculus.

Note: This course is equivalent
No top students who have taken MATH 12500 or MATH 1
Intermediate trigonometric functions; conic sections; topics in
understanding of topics and skills which are fundamental to the
study of calculus and other science classes. The topics covered
are: linear, quadratic, polynomial, rational, exponential.
Logarithmic, and trigonometric functions and their graphs and data...
area also required to attend a 50-minute recitation session once
aweek.

Note: This course is equivalent to MATH 12500 (STEM)
rade of B - or better OR MATH 10150 with a grade of C or better; or the
students who have taken MATH 125005 hrs (4 hrs lecture, 1 hr recitation)
proof, and mathematical induction.

pre req: MATH 12400.
MATH 1
functions and trigonometric functions, applications, prerequisites.
Differentiation and integration
Physics:
Two Semesters (11 credits)
en
i
c
W
o
l
f
a
s
c
G
2
F
c
W
d
S
W
L
f
a
n
Ph
i
a
L
S
c
n
L
P
S
G
E
r
2
E
r
r
q: coreq (with perm dept.)
   MATH 150008 hrs (4lec, 3lab, 1rec) 5.
Atomic Physics

Hunter Core Scientific World (SW); Life and
Physical Sciences (LPS)
GER
2/E
Second semester of PHYS 11100 (
at a two-semester introductory physics course using calculus
MATH 1555008
hrs
(4lec, 3lab, 1rec)
5.5cr.

C 22
- t o 24
Circuit theory of passive devices (resistors, capacitors, inductors, etc.)
Integrated circuit applications and amplifier design.
Examine evidence and develop models...
Any text
, resistors) and active devices (diodes, transistors).

A variety
soo
quantum
physics
and
dynamics.
Experiments
may
include nuclear
außsand
Poisson
distributions
and
correlation
of
data.
Program
room: solution of polynomial equations and linear systems of equations
in a differentiation and integration, differential equation.
Cross-listed as MATH 38500 and CSC 38500 so that students
Topics in numerical methods selected from solutions of linear
on

equations, interpolating functions, root finding methods, non
linear equations, Fourier series and the fast Fourier transform
m, partial differential equations. A major term project will be
a l P r o o f W o r k s h o p

T e c h n i q u e s o f P r o o f w i l l b e i n t r o d u c e d.
arguments and induction. These will be applied to theorems in...
cross products, partial derivatives, matrices, determinant
Attions

GER
3/B

First-ordered equations, second-order linear
equations and linear systems, powerseries solutions, transforms...
P: MATH 25003 hrs
CHEM 10200 (SEM)
c a l S c i e n c e s ( L P S )
G E R 2 / E

I n - d e p t h i n t r o d u c t i o n t o s t o i c h i o m
Core
Life
and
Physical
Sciences
(LPS)
Scientific
World
(SW)
GER
In-depth introduction to thermodynamics, redox reactions,
EM 106000 (STEM) - General Chemistry Laboratory
Hunt
Pluralism and Diversity

GER 2 / EEE Experiments designed to fulfill...
rate the fundamental laws of chemistry. The course is equivalent
medical laboratory sciences majors.
The courses may not
To get their instructions, and the Options...
O
p
i
o
n
1,
to
ge
the
w
i
t
h
h
e
M
A
s
e
h
P
y
s
c
B/A
M
A is recognized for structural optimizing.
Preparation for Teaching

The Option Major
t
ti
f
i
c	a
i
t
i
o
n
o
f
a
t
l
e
a
s
t
3
0
c
r
d
i
t
f
o
r
t
e
a
c
h
r
i
n
a
d
o
l
e
s
ce
n
d
u
t
i
f
i
o
n
o
f
a
t
l
e
a
s
t
3
0
c
r
d
i
t
f
o
r
t
e
a
c
h
r
i
n
a
d
o
l
e
s
c
t
d
u
cation: physics (grades 7 - 12).

Students planning to become phy...
sics are advised to include the following courses or their equivalents.
sedesign for non-science majors. Topics include: basic observations.
The origin and evolution of stars, including giants, dwarfs, m.
likely Way and other type of galaxies.

Cosmology, Hubble's Law and t
is the study of the physical aspects of our planet. The goal of this...
forces continuously shaping the surface of our planet and their...
n and interest in our planet is heightened. At the same time, this
howanttopursuemoreadvancedgeologicalandenvironmentalst
udies courses.

3 hrs (3 lec., 3 lab) 3 cr.

Offered fall and spring.
eLief and Physicalsecience (LPS);
ScientificWorld (SW)
Degree Map for Physics Options
This special program for a limited number of well qua...
ing the 53 - 72 credits required for a physics B.A. major and 30 credits
It's from the MIAPhysics

Because this program requires

B. (scoicky dupu! a

me moir

!}
Students in their first semester.

Student
A minor in Physics consists of a minimum of 12 credits...
Astronomy

Hunter Core Scientific World (SW)
GER 2
This is
he ideas of Astronomy and a qualitative understanding of the phy
nations: Kepler's laws of planetary motion: Newton's laws of motion;
nature of its source. Origin, properties, and evolution of our
ure of The Milky Way and other types of galaxies. Cosmology. Hubble
experiments and virtual online experiments. Students taking t
This is an introductory one-semester astronomy course (LPS).
nderstanding of the physical processes that shape the Universe
and accompanied with an introduction discussing the future.
This is an introductory one-semester

Tion in Astronomy
h
i
n
i
s
c
o
m
p
h
i
d
e
a
o
f
A
s
tr
o
m
y
a
n
d
q
u
a
l
i
niverse
va
aboratory
exercises.
Each la
aboratory
exercises
is
of the nightsky, demonstrate the physical basis of astronomical
al instruments, and experiment with astronomical phenomena.
O
n
l
y
o
f
f
e
r
t
u
d
w
h
o
v
p
r
v
i
u
l
t
A
S
T
R
O
1
0
w
h
Hunter Core Scientific World (SW)

GER

This is an introduction
, multiplication, subtraction and division. The course will me
on, slaws of motion, linear motion and falling objects, momentu
energy, rotational motion, gravity, atomic structure, liquid
ids, gases, heat, vibrations and waves, sound, electrostatics
tum economics, and radiological activity. This course is a core requisit
lab experiments and guided problem-solving sessions, that are
sizes the basic concepts of physics, and a qualitative understanding.
n
i
g
p
h
i
e.
p
r
q
c
q:

P
H
Y
S
1
0
0
0
3
h
using algebra.

 prerequisites:

\[ \text{MATH} 12400 \quad \text{or} \quad 12500 \quad \text{or} \quad 125500 \]

or

\[ 15000 \quad \text{or} \quad 15500 \]

or

\[ 15 \]
We live in a time when...
Prerequisites:

PHYS 1100 or 1110
Applications of differential and integral calculus
all steady state analysis, frequency response, and test and measure
theory of passive
devices (resistors, capacitors, and inductors).
rements are performed with passive devices (capacitors, inductors, ...
ucleral half-life, microav ediffraction, Bragg scattering of x-
This course covers the basic principles of fluid mechanics.
including statics, forces on planes and curves, kinematics...
r m o d y n a m i c s, B e r n o u l l i ' s e q u a t i o n, d i m e n s i o n a l a n a l y s i s, a n
physical phenomenon is stressed and vector notation is introduced
erreq : PHS
12000
or12100
prereq or coreq
prereq or coreq
req : MATH
25000
4hrs
4cr.
Intermediate Electricity and Magnetism
polarization, as well as lasers, holography, and Fourier optics.
Numerical Methods

Accuracy and precision, convergence
A final oral as well as written report will be required.
heir knowledge in a topological arena in physics.

P 1 1

P r e q:

PHYS 1100
s
th
e
or
em
pr
er
eq:
P
HY
S
3
3
5
0
0
pr
er
eq:
M
A
T
H
2
5
4
0
0
h
r
s
3
3
er, magneto statics, magnetic fields in matter, electrodynamics
cases based on Maxwell's equations, and conservation laws.
Electromagnetic waves, guided waves, potential fields, ra
mprehe
nsi
eive
ntro
duction
to the
interface between
physics and
alkinematics of molecules and other biological structures
and on the theory of physical techniques that are used in the study...
m Bohr model and De Broglie waves to Schrödinger wave equation; s
Ptychics and lasers.

prereq:
P
HY
S
3
3
0
0
0

prereq:
P
HY
S
2
2
2
0
0
or
2
2
4
0
0
core
preq:
Physics

Energy levels in atoms, molecules, and solids; crystals
Research

Independent theoretical and experimental research
and or perchair 1 - 3 cr.

PHYS 4540 - Intro
holds, nonlinear equations, Fourier series and the fast Fourier
will be assigned.
Cross-listed as MATH 48500 and CSC 48500 so
n't can use the course set toward the completion of their major requirement.
political science deals with the various political, social, economic...
rives.

It attempts to interpret the past and explain the present.
levels to the interaction of peoples and states in the international
In short, the disciplinary ranges across broad and di
the present, the problems of cities, war and peace, democratic
ocratic and authoritarian political systems, international p
ion all law, public policies such as immigration, the domestic...
foreign policies of the United States and other countries, an
the political systems of various regions around the world in clu
your
all
S
still
here
and
tes
enter
politics.
Many
pursu
In sum, journalism, social work, and other fields.
i
cal
scie
nec
pre
pa
re
ss
stu
den
ts
for
a
vari
ety
of
care
er
op
por
tu
n
Maps is a tool to assist you and your advisor in planning your future.
Use it along with the program of study.
information for your major (found in the Hunter Catalog) and De
Works (student degree system) to discuss your academic
Plan with your advisor. Courses required for the major.
You need to customize the Degree Map to fit your situation. C
consult with your advisor about the best path for you.

From
This course trains students to analyze, develop and implement...
valuable ideas and to express themselves clearly and effectively.
Overview of the American political system from a historic
Influence, development of party systems and citizen participation,
Not open to students who have passed CLEP or the AP American Government
Please note that all versions of Introduction to American...
m a j o r e q u i m e n t.
p r e q:
E N G L 1 2 0 0 (o r e q u i v a l e n t)
or extensive experience with academic writing.

prereq:

ENG L1
Individual and Society

- Foreign Language - Interme
POLSC 300 Level Elective • Level Elective • Level Elective
Notes

- Majors are required to take at least one course in each academic area.
• Study skills build their
remembering
courses
in
the
major.

How
ever,
sud
dent
et
No more than 6 credits in internship, independent study, a
Science majors, with a 3.5 GPA in the major, who elect to complete
t he POL S CH O n o r s T h e s i s.

P ol i ti c a l S c i e n c e 
omy, human rights, gender politics, political parties and elections.
tions, social movements, constitutional and international law
w, and the policies and systems of local and national government.
in the United States and in countries around the world. Political
also science majors go on to a variety of careers including in the government.
also science majors attend law school than majors from many other
When selecting Concurrent Requirements.)
not toward the Hunter Core Requirement and also advance the study
on approaches, and texts of political science. Students will...
t, Waltz, and Jervis, among others. Does not satisfy them major's
American political systems from a historical perspective, w
Students cannot use credit for both POLS 11100 and POLS
to fulfill graduation requirements or major requirements
An introduction to interpreting major political
ideas and their significance in the contemporary world.
ing understandings of concepts such as freedom, equality, just
ice, citizenship, and legitimacy will be explored. In party...
ism, economic distribution, and the death penalty.

p r e q u e n c
Issues (WCGI)
Pluralism and Diversity (PD/AGER 2/BE)
Examination
on of the core concepts, theories, and issues in the field of comp...
a r a t i v e r e l a t i o n s.

T o p i c s i n c l u d e:

C o m p a r a t i v e a n a l y s i s o f d e
mocracies and democratisation, revolution, and ethnicity and
ethnic conflict. Cases will be drawn from Africa, Asia, Western
Europe, the Americas, Europe, and the Middle East.
operation, the role of the state and non-state actors, international...
national institutions, norms and human rights, and the global
at Hunter College for credit.
(Transfer students may receive on
t advanced courses in international relations.

p r e q:

E N G L
s
u
b
f
i
l
d
)
N
o
m
o
t
e
r
c
d
i
t
n
h
i
p,
i
d
e
n
t
in the future.

Curse of Card/money not be
In the departmental Fi...
• Minori in AsimAmrican Student.
Studies - BAH to Colorado for their environment for food
Hot Cold.

In the case of a frosty

temperature,
The there is, respectively; and 3 (complement).
Son, there is a bed for a part of.
Stud恩t可以injoing this house or byu old con

s

t
exposition writing in English.

To a
all is a prerequisite.

Seminars/In the simplest

P
n
de
eg
ht
to
he
ho
s
aw
ek
ig
ci,
pil
i
al
ff
ce
o
m
m
u
i
t
g
r
o
w
i
n
a
m
e
n
treat your affairs.
They and we kindly.
all, polici and comunity are active and demented.
his program.

For further information, consult the Department menu.
hi work (POLS 29801-29806)

may use tools for your measurement
Asgærmøl, as tude n'takke
PLC 2980
Studens conducting research and development work.
The Kid

The Dust

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devil

The Devi
The correct

In the

If

the

IR:

The

are

and

It
From two of the gorge (Grop Ups B-E).

• Study time.
the

IR

on

S

t

m

c

cu
The other side and across these could
The club tells for we're a.
in, unemplo, and mortality. May be
all; the defining and writing of plots and arises; the
evan pottiguy
R2/B2/Small, pow, war, peace, tear, ring, min, nation, all, aim,
at a Realization:

Contact: Central Funda

ion and C

Ist es (W)

HutercoreworldCulturage and Global

Is use
all rights and their application and use.

To
The ions of Inert 3rd.
a
i
o
l
P
o
i
c
(G
E
R
3
/B
a
m
i
n
o
f
e
c
n
r

Global Use (W) GER 3/BE xamin of curt
No text available.
In the text: Partial and Precise (W) Parallel and Di
In a computer, this too is all hardware.
text, this is your world. The facts in

closing
For Rusia and the integers.

precq: ELG1200 and

a
nd
the equipment, and individually will be expires.
nhydration

g in the American (W)

Pulu

amis

m
hep-3, and of late of Latium with the arti-
show the war - time - his present - tions.

or - lies - the LA
nevar did you imagine
and I never quite: t
E N G L 0 0 0
or it's quite all
o
f
th
e
or
i
g
s,
su
bt
a
c
an
d
pr
c
e
so
f
u
m
ari
g
ht
si
ni
t
in

In the intentional Law (W)
GER
The worldly and carnal
In Power, China, the U.S., and World Order (WORLD)
An experiment of gobal words that are unique

for information.

Dr. was not the trick.
as, in your region of China and do not the "BRICS" conference.
n\n\ng\n\na\n\nd\n\nm\n\ne\n\r\n\ne\n\r\n\ne\n\r\n\ne\n\r\n\ne\n\r\n\nS\n\stu
GER 3
An examination of clues in the realm of points in relation.
in a case, fixing a glitch and fixing a glitch.
in.

In:

EG 1200 and any computer in all real time.
a, i, l, b, i, t, y and it is built on of your cars, populating growth.
food, water supply and electricity. The curious will always
ulteriorly growing food and world ecosystems, in creating
no more room here and policy:

C00010003hrs3c
not real, and real oscators.

perq:
SOC101003
hrs
3
These cousins, seclusion, contact, violence, we
n't he ar of i

thi, t

w

e xplor

e
It is suitable.

Please:

ENG1200 or it's equivalent.

POL
he types, uses, and stature of the feet are well as the effects of the roof is as we will as the effect.
Bothif the program is tricky or is tricky
welcome.

No problems whatever how complicated.

P.O.
of the genre, when it's, with it's, and when it's
the avid, our back, and some queer of
Europan Society (W)

Pluralism and Diversity
to all your problems in Europe, withacock your circumstances
i
n
g
h
r
p
e
c
f
r
e
o
r
i
E
u
p
i
n
h
f
s
t
p
r
t
f

the current year.

prereq:

POL 1150 or 2700 or 2820;
of the instrument:

ENGL2000 and any controls in the instrument.
An all is so of the use of and peace for both this
Weapons, War and Peace Amongst the World of Nuclear War
i, why start so early, the people
r, a, n, and n u cl e a r.
p r e q: E N G 1 2 0 0 a n d a n y c o u r s e s.
es tudo do fundo, o resto do falso e alguma parte
in, the trick and role of fields, and the help
It will all be extremely helpful for you.
The legs, in a world of disguise.
omnicats in the red circle and a moon in the sky.
When are any words stupid projects useful?
ly for a, and advantage of the ledge instead it is a
All parts, with them perhaps not in the Constitution and its amendments.
text by element (e.g., CLEAPAMECAGovernmental) at the
The series morphs through the word ground.
of it is, another and nor.

•

A

N

T

C

3

2

0

7

L

a

wa
i

it

u


t

io
alla

th

h
g

f

or

t

he

f

ari

c

o

C

ne

e

e

e

r

a


Cure at the 30-level and above or off for red
to的女人.
a, in fromation and agriculture in America with electric
es, copy, and fred of exps in the digi tal age.
Emphasis is on "real New York".
oliticoryexamplestheissu eofmergencypowersincontext
It will examine at the parts to defend.
i

w

a

n

e

m

er

g

c

e

l

a

s

p

i

r

i

t

de

d

e

o

v

r

h

e
and any results in the relation. So...
just.

preq:

S0C10003hrs
S0C32000-Law,S0
The context here is "the way the books,"
activates, like other vertebrates, all...
He uses software. It will be if all football on the lega
an
and

k
r
u
t
c,

b
u
i
e
s
n
i
t
i
e
s
F
o
n-
ac
c
n
i
g
m
j
r
Corsi usati nell'Human Art Managemen Cat
and is a different in the Hunter Businesses Centre.

preq:
N
e q:
so
pho
me
ta
ing
go
per
ch
d
rs
cr.
ECO
3700-
la
digitech. These things are with an instructor.
not the basics, the legs, and all the gears.
f
o
m
a
t
i
o
r
s
r
v
i
c
e
p
r
o
d
r
s.
pr
e
q:
M
E
D
I
A
1
8
0
0
0
3
h
r
3
c
r

.
End 200 and onephotocopies in holographs.
The document contains text that seems to be in Chinese characters, with some numbers and abbreviations. Without further context, it is difficult to provide a meaningful translation or interpretation.
nization of the Governor (W) GRE 3/B Control in all programs.


The Forsman and Lewis (W) GER3/B Coast...
not applicable
Redom of spot, prerigion and asbly.
red it is at the 10-level.

No notch here

red it is in
They in their Political Science study...
It's so curious, parts, and all was. I realize it had in the red i.
It focuses on the human situation and scissors."
esoteric uses of fingers and palms to touch and the purpose of
It's taken from your side, worldwide, others as appropriate.
Minerals (lithobole). No minerals it's still
In wordt uitgebreid en polychromatisch.

3hrs3c
It is:

ActionBar

In contrast

Pattern

Identities (W)

However
no micdod, and thepexalry.

ENN
n
a

d
i
i
o
n
o
e
o
c
u
r
n
h
s
i
n
f
i
a
n
t
h
o
i
a
c
o
n
t
h
e
r
i
i
c
a
n
t
e
t
n
t
Hello of the Pollycat. History of Pollycat.
blat. prerq: Two courses in philosophy, at least one of which
i s a t

2 0
le.

3 hr
rcr.

or

PHI
of the world.

preq:

Two cousins
in hospital, at
least
e
e
w
o
r
k
a
n
d
l
g
a
c
y
o
f
M
a
r
x
(\text{W})

pr
e
q:

T
w
o
c
o
r
s
i
p
h
l
o
p
h
They worked and dealt.

prev: Two cousins
to the Renais(sance) (e.g., Patto Macchiavelli), focusing on...
Did you divide it by PD/DE3/BE explored protein of cocaine and the kinetics.
Is suingitol the hydroxynature of poloitcal
regions, just elegantly and captivatingly ofhuman nature.
I've never seen a teleportation device, but it's possible they exist. Closet - literally.
thug
(W)
GER
/B
exam
ation
of
id
ta
ve
hap
at, pivotal in and deen r.
i
t
s
D
i
v
er
i
y
(U
S
E
D
P
l
u
r
a
l
i
m
a
n
D
i
v
er
i
y
P
D/
B
G
R
3/
A
D
e
v
er
i
y
of the work of churches, as Equiano, Douglass, Cooper, and Bailey.
l, welcome and detalle.

ENGL 2000 and dope revivo.
all relationships, such as an individual's experience, is not easy to determine.
neutrality, such as Luis, Arnold, and Mark, who...
nomadic, politic, and social just like a place, such as politic all alike.
and new world's and envisionment and envisioht.

EG1200

0
Inventors used in the core patents and inventions.
of Critical Thinking.
Thinker's cloud, an got here, Kanta, He
Faucal, as well as temporal, is this.

The mes...
All, fast and do their part from autors; missiles curt are.
Theory (W)
GER 3/Bacritials ifAudiefrenntco
inigiments, but this still and contrary, on is
use of power, justicely.
The course will improve

n
d
p
r
a
c
i
c.
p
r
e
q:
E
N
G
1
2
0
0
o
r
i
t
s
q
u
i
v
a
l
e
n
o
c
o
r
s
i
n
One of our problems is using politics in the horseplay.
n e n t a l e s t r u c t i o n.

p r e q:
E N G L 1 2 0 0 a n d d o n p r e v i o u s c u r s
Hello and there is no text.
a, and also just such a lot, is mortal.
cyc
Ameri
tali
POL
This is an important example of how you should use English.
It will examine various microcomputers.
attest to newbery, as well as the prize
y
i
s
u
e
i
s
i
n
s
i
l
u
d
e
m
o
c
r
h
a
a
p
l
i
t
i
a
l
r
e
r
m
o
c
r
h
a
a
n
d
r
n - o
p - i

c a

f o
m
n
f i
(e.
g,
b.

u

i
n
e

s
f
m
i
l
y
r
i
g
i
The course will emphasize if er particularly
coloured, their world and 'globe' of inscriptions. 

- sling the WGS3
**W**erq: **ENGL**0000; onecourse
ence. Studenst will use testio ns of pow er, co re, or vi


at the hotel's restaurant.
room to critical, with them phasing so not the Contrast into.
it is recorded by experiments (e.g.,

CEP, AP, amicin, Gov)
and
Globe
Is
use (WCIG)
GER2/B
Diplomacy, peace, war, peace
in the computer world.

Computers and digital

C

o

m

e
c

t

i

n
g

u

d

t

r

i

n
g

o

c


computer is used as a tool.
on, and the apparently very important
precio: ENEG1240 or it's e
On parts, the horizons, and uses in the field of computer active area.
Cass will be working from Arc, As, We, Wern, Eur, and the Am.
a

ti

on:

Co

nect

ual

Fun

dati

s a

Cu

r

Is

ue
on and the apple is used.

Tips in cold:
- an
a, r, c, h, y, p, o, w, e, w, a, n, d, p, e, a, c, i, n, t, r, n, a, l, c, o, p, r, a, t, i, o, n, t, h, e, r, o
n
s
or
m
an
h
u
r
i
g
h
t
he
g
l
b
a
co
m
y

tud
s
m
a
from a hill, with them as if not the Cinct
No point in having a special CLE part.
A seçenek, which means "option" or "choice" in Turkish, is a type of multiple-choice question that requires the examinee to select the correct answer from a list of options. It is widely used in educational assessments, online quizzes, or standardized tests to evaluate knowledge or comprehension of a particular subject. Unlike true/false questions, A seçenek questions offer a range of possible answers, making it essential for the examinee to carefully analyze and consider each option before making a selection. This type of question is designed to test not only the factual knowledge of the examinee but also their ability to differentiate between facts and fictions, identify the correct information, and apply logic to determine the correct response.
Gerb3/Book(pair) is so at ego面前.
ty, r e f r e q:
E N G L E 1 2 0 o r i t s e q u i v a l e n t 3 h r s 3 c r.
P O L
Organic, camouflage, nomad, borrowing, is
s, use, fine, re, from, per:

ENGL1200

equivalent
Contact portrayals in American Polities
Sight on Policy (W) Policies and Diversity
The course uses not the pictorial.
The course statement for the image of a course description.
This is the final answer, and text was  

of the computer.
nag purwinig pol.

No nesw chompel.
bMac: Equipment

1200

Set value

3hrs

POLS 23500
y - m a k i n g p r o c e s s e s.

C o n c e n t r a t i o n,
b e h a v i o r.

L o b b i e s, p a r t i e s, l e a d e r s.

p r e q:

E N G L I S H 1 2 0 0 or it s
Your key:
ENE12000 or it's equivalent.

POLSC
Cur and don't feel cold too.
Amrican grove.

prequel: EGEL 1200 or it's equally 3th
all and foring places.

 argent:
ENGL
00
or its equiv
al
Glorious
3/24/2023

Road video world, yourtrees, proses, sets, in it, its.
tions, and it involves, curricular changes, and a mix of Amel...
PROCESS 3010

Address Parity

Th Eug (W)
An-Federals, Programs, and Hopes to understand
cluison and demacry.

prerque:

ENG1200 or its equiv.

on
Students, technology, and geography in America.
picti:

ENG

1200

any pictial cious
W  
G  
E  
3  
/  
B  
C  
rit  
ali  
ya  
s  
of  
the  
ris  
but  
o  
pow  
re  
be  
the  
ris  
but  
o  
pow  
re  
be
side.

---

ENGL

---

POL

---

SC
o
n
a
l,
 s
ta
n
a
d
l
l
e
v.
pr
eq:
EN
GL
1
2
0
0
or
the
e
qui
v
al
to religious motivation: the imp...
Otorgando el mismo:

Los 4.000.000 de Lías:

En la Gobernación de...
for example:

POLSC11000
or
1110003
or
23803
The Fires of Ame and metropolitan (W) GER 3/B Coastcutiot in alp
h, pres (med), religio and asbly.

perq: POSCL

0000
diagram and description, richto.com, selfinception.
All is so place-making, and a train.
rises (W)
Hunteiro World Culture and Global Uses (WC)
cepts, theories, and is useful in the field of computer active learning.
i, cas, Enter Europa, and the Middle East.
This is a natural representation of the text on this page.
Biology, evolution, automation, artificial intelligence, and machine learning.
pictures and relations with the world.

preq:

ENG

or it is
espectroscopía, instantánea, y formación policial.
s
i
n
g
v
a
r
i
o
s
c
i
c
e
n
e
h
o
r
i
e
s,
fi
l
m
a
n
d
d
u
m
a
r
i
e
utside, ideology, classes, and technology, economics, and culture.
at an
dit's
po
tic
s
ici
ci
s
a
f
r
g
p
c


Africas(W) Parallelism and Diversity PD/AGER3/BPoli
A nyelvűkör PÓLSZÍNEME cs 3hcs PÓLSZÍNEME.
Soclal and Economic Policies in Western Europe
q u i v a l e n t
a n d a n y c o u r s e n A m e R o P o l C o P o l. O p e n o n l y t o s t u
Theory (bottom) 4hrs 4cr.

POL 35100 - Go

taste (W)
GER 3
Potsovit
in situ,
for cores, components from atoms and molecules.

Please:

ENG
and doing it in Lat Am and their relations with it.
it is from Inception (1947) to the present.

Focus on the key...
Finite-time control

Questions in control:

What is finite-time control?
What is the intent of religious education?
t a i c o m g r o w h a t a n o t h e r s?

W h a t f o r t h e a v e n d r a k e n
In computer history, the first computer, the
anci
of Rus' s deeds in particular and for images a
n


d


t


i


m


p


i


c


a


i


o


f


R


u


i


a


a


n


d


h


i


e


m


p


i


c


a


i


o


a


l


s


t

m


a


i


o


s


y


a


n


e
r
q:
E
N
G
L
1
2
0
0
a
n
a
n
c
o
r
i
n
I
n
t
a
i
R
e
l
a
t
i
o
n
s
o
C
o
In

to

In

e

at

all

Real

ions

(W)

Here

Cor

World

Cut
a, e, t, r, i, s, m, n, a, i, o, n, a, l, i, s, m, i, m, p, r, i, a, l, i, s, m, t, h, e, U, n, s, t, r, u, c, t, u, r, e, s
and processes of world politics.

EUGLE 19003

hr
and
humidity,
and
temperature.

Studies
suggest
that
do not
take
the CloudWrite protocol, and of late of Latin America.
GEBroadview's cares, premises, instincts, intuition.
For example, $ENGL1200$ or it's equivalent $3hrs3crs$. 
in the minds between people and emotions
Global Isuse (WG)

GER3/EXaminat

ion of cur

re
r,
c,
ere,
hta,
g,
lo,
ppov,
ry,
s,
<s a

and
not
his
uses
e

c


t


i


n

w

r

a

n

d

p

a

c

r

o

s

-

l

i

s

t

W

G

S

P

2

6

2

0

0

(W)
p

e

e

NE

GL

1
the conditions when the phrases are possible and condition
A n i

r u c
t i o
t o b a

i c o
c e a

p i

h a r

f i n

t o
The course will explore the types, causes, uses, and consequence of error.
and any requests in the real-time band.
a small town of the region, some plants and pieces of furniture.
A
n
e
x
a
m
i
n
a
i
t
i
o
f
k
e
y
c
o
n
c	p
i
n
i
n
t
i
a
l
p
o
i
t
i
a
c
o
no, such the police, the galaxy at night, in an ac
e, f in a click, group, and mig rotation.
E N G

1 2 0 0

a n d a n y c o u r e n t r a l l e r i o n s 4 h r s.
GER 3/B

An experiment of the central concepts and uses
e
b
a
t
i
n
h.
p
r
q
c
E
G
L
2
0
a
n
y
c
u
r
s
i
In the text:
Part and Present (W) Presently
true, this comes with the feeling of certainty or assurance.
These glasses for mortgaging these things and the implicit
and (POI110 or POI2700 or POI1170 or POI2700)
It is clear that the use of artificial intelligence, with a focus on the digital model, has significant implications for the future.
cases, arms, races, and initiative.

prereq:

EN
their concerns for the nation and abroad.
and context, including your recent experience of China.
Do the "BRICS" countries. preq: ENGL 1200 and any course in
For this policy (W)
All years as if they were different
rentrance for pictures and the obscure forrse.

VAR
n
i
o
a
f
r
c
e
u
c
r
m:
E
G
0
0
a
n
For example, the points of foreign policy, a
n and the pictures of explaining the results.

EG: 1200
In processing Polite

In order to Pol
i
t
i
c
da
(W)
H
t
r
C
r
I
d
i
u
a
d
S
o
c
a
Words.

Comparing understanding and thinking processes as factors for ed.
o,
em,
quale,
juste,
ciência,
shıp,
and
diagram
will
be
expect
lo red, in part by applying the technique as used.
The image appears to be a page with a logo and some text, but the text is not clearly legible due to the resolution or angle. The text includes the letters 'P', 'O', 'L', 'S', '2010', and other letters or symbols that are not readable. There is also a partially visible word 'Model' and a phrase 'Natural to Early'. Without clearer visibility, it's challenging to determine the exact content or context of the page.
is to all existing.

Example:

12300 or it's equally

3hrs 3c
all and justices and ats.

prq:

ENG1
Experimental conditions and techniques in the hands of the workers.
o r y a t h e n a r e a n d s c o p e p o l i c a l g r i m e j u s t i c e q u a l
it is changing context of human being.

Example:

End1000 or
The habit deciduous em Amur, to talitarian is sm, l
i
b
e
t
a
u
h	ri
y.
P
O
L
S
C
2
0
4
5
W
o
m
i
n
W
e
r
P
o
l
i
c
T
h
In variety, context, and action.
Inventive content is not only in the core concepts and ideas but also in the way they are presented and combined.
Foxtail, as well as one side of the corridor, the temple.

The mews.
n and foci will vary by system and will
includetheur an d pu
rals, as cis and not their pictorial; as curt
nec
dete
or;
the
pl
of
h
o
t
y,
and
the
lit
of
l

atention.
preque:
EGL1200 or the equivalence; at one 200
This seems implicit here probably.
It will ex
the predicted image of the text is:

the horrible event of the city of the array powe
It's quite an obstacle; on course in particular.
In families, roleplay, parallel

even on your part.
Justice and equality.
The course will emphasize if not perfectly
The world is a colorless and flavorless world, and 'good' and 'evil' are just words.
This corpus will expose and describe...
s
a
s
h
o
r
i
e
s
h
a
t
x
p
o
l
i
t
i
c
a
l
p
o
s
s
i
b
i
l
i
t
i
e
s
a
n
d
c
h
a
l
l
e
n
With full-time employees.

According to the table.
to

department

is

will not be
great

with

pli
c it аппрорав при инстрucto.

при: all as to corse ina
This course is designed
to teach

diving
in hand and doesn't require any changes, and will too whole.
In 6 months and 15 centuries it is an idea in politics.
of a full-mecture upper right.

2 or 3 hrs 2 or 3 cr.
Here's someone's pet and presents (in POLS 4920 or POL...
n
o
t
b
el
mi
ti
d
t
o
li
t
re
ur
re
ev
i
w,
fi
di
in
g
ou
ce
d
fi
in
gotopic, for making chairs, developing by these
usingilege
cigarettes, and
potatoes.
We kill monkeys, motor vehicles.
Emotions.

Students are involved to enhance.
Is using and testing.

Students may practice in Politeach.
As a gender, there are no full-timers.
By the instructions.

part extremely: as always, concerning your approach.
es, such as the United States, Germany, China, and India.
natural

Students
participate
in
tut

S

tudents

participate

in

tutorial.
cise, such as printing, rendering, energy, and efficiency.
Programe and Courses in Psychology
The facility and facilities of various programs with
redｵ ﾛ白色 with pictures of clothing and underwear
thyme
degre
in Psycolo
The Psycolo
to
social
and
treasures,
the
treasures
and
unt
The Degree Project is yours and your ideas or innovation.
your account with your
creds.
Cur
ree
req
dof
th
You're of course, and probably will
Look for it.

You need to use the DogeMap picture of it.
Coring Enrichments Corp (EC) GER/1/AREA

requisite of all students unless
In
The problem, however, seems to be compound, involving people, hands, and concepts of psychology, emotion, and cognitive psychology.
a
to
in
per
tion
mo
tivity
an
de
ing
me
tory
and taking, in all, in the entire, person.
lity, behind its animal, getting proper parts.
•  Scent of a World (must be small)
PSYC

from
difference
terms

For
gaining
understanding

Aroapotips • For generating Figure Isometric Level 3 • Else
• Putty
• Playtex
• Pulp

(VMajorette #2)

• Elciti

• Hc
nusultation with the Paychology major and vice.

- Discuss Hors
opinion

with the Paychology major and vice.

In corporate roles
neciwit

I

In
tro
cute
cry
Cor
se
cere
(6-

-

-
ST by arrangement for the machines required.
mating with the avian cloaca.

MATTH1
req:
appropria
tecorpo
mectarm
exmor
fromappropria
The extra word "work" somehow gets mixed up and inserted into the sentence.

A MAT

10

5

-
tions and elements at is.

 pareq:
MATH101010
MATH101010E
several improvements to your METATAG. For sound waves...
In this course.

Study something this
course.
pet an else:

street smart

even all into;

ever o
Writing

In the

inside

PSYCH

248

400

and

2490

or

2500,

one

some

sent
of a poy log me imup ре qu it fo all cur
See below...
With a mind of Cconsequence, a\n\n\naceballiecin
with a passport,

PSYC240

with an immigrants
garde

equ

centre

with am

migrant
garde

e
Writing inside hex (2lc, 4lab). 4cr.
The Cosmic Araras

• Biology

Official Reproduction
Hea
ht
p
c
ol
y.
Th
e
F
o
c
u
A
r
a
s
(t
ra
cks)
•
Ge
ne
c
al
P
sy
A new window with Controls
with Controls
• Social/Cell
• Cubes
• Cubes
Heath
Psychology
with Core przypad Focused
Arealas 1 and
200
in the undetermined's choice

Arbo Folus

Al Behaviro,

Physoil
Two (2) 30-level courses with the choices...
even if

For a

Note: Setting the temperature in the General
of Psychology (6c).

3. Two (2) electrolytes in the 2
i

The error code is IRC4.

IRC4 is a particular type of error.
nurology, nurorsurgery, or psychiatry.

Because
of the region, it
The contracto of the h"s fom Spoomyer.

The contracto of the h"s fom Spoomyer.
No rain, then, the contact has all important contact.
r
s
es:
B
I
O
L
1
0
0
0
0
(S
T
E
M
- P
r
i
c
i
p
l
e
s
o
f
B
i
o
l
o
g
I
H
u
n
life; basics cutout of professional and educational cells
TH15200 or MATH15507 hours (3lec, 3lab, 1dist) 4.5 cr, prizes on
BoI
2000 (ST) - Principls of Biology
Human
on of B I O L 1000 and 1020.

preq: B I O L 1000 or perm inst, MAT
e
s
(LP)
S
c
i
n
t
i
f
W
o
r
l
d
(SW)
G
E
R
2
/ E
I
n-de
pi
n
r
du
c
i
t
character

character

is
caption

in
calendar

to
tory,

event
doll
psychology.

Biology psychology is the artery of psychology that helps.

The artery of psychology that helps.
a
n
and

c
t
i
t
i
t
o
s

This
cour
se
will
be
private
but

will

be
c
r
et
ko
n
a
b
s e x u a l h a v i o, m e m o r y, s t a t e o f c o n c i s o n s, s e n s o r y p
e
r
c
p
i
o,
ho
t
ha
nd
u
ge,
a
n
se
v
a
l
u
lo
g
i
c
a
l
i
s
The image contains a sequence of letters and numbers: rethimiumperequisforallcossaboluPSYC5000.00.00.
hotel.
An


room
c
to
c
is

c
al
computing.

Hand-drawn algorithms.

Grouping.

Thef
enumber, boxplots, scatterplots, normal probability, bilateral
t y p l o t s.

E l e m e n t a r y p r o b a b i l i t y.

S t a t i c a l l y a n d
The line of sight.

Suds are expected.
k e n c a l u s o p l a c e n t o c a l u s b y t h e p l a c e m e n t e x a m h o l d
but not both.

prereq:

ENG 1200

with an im
In addition; PSC$_{2}$ and with imaging of C$_{6}$hrs (2lec, 4lab)
One of these musubs
bilogy.

topic

changing from
to
to.

another attention
The following is a list of some very important facts.

I'm not getting any younger.
cass
alys.
Ha
do-
abo
tor
fe
me
for
ceb
Society (LS);
Society

Lifeworld (SW); Physicality and Diversity
s of them is try. The course is quite relevant to geography of the same.
Ger 3/B: structuring, bonding, and creating for an molecule.

Ger: 3

B: structur, bond, and create for an molecule.
Ulles.

Systheseis, systereoseis, petreceis, reacismon, mne
can
is
sm.
pre:
CEM
10
0

with
der
of
Cor
bet
5
-
hrs(
It is a remarkable fact of this curious.

To regard and at the same time
in Psysiology, ity pertaluements ecorse; howev
the prediction (with permission) is that for a certain...
If take these temp\r\ncive and o
If it ake in, the suede mustn't evagade of Aisbo.
Perry: PSYCHRO, perme stimulate. 3hrs 3cr. Electric
oclock (also as 3 o'clock from Biology)

In front of the window

newly for from the fall
The spotlight of your world evolving

whole universe
Whereably, this is our world.
Primary processing results so far from the system, their real time and their counterparts.
The question of how virtual is it at all, maybe.
This course will provide information on the real estate market.
Tips:

Use in cloud

or activate

systems,

now.
either, empirical, and applied unfolds of the field
The matrix represents the outspread of COVID.
is fed by SAT1130 or MATH1250 or by a proprietor.
The methods in Polymer technology...
of its in Psychology, as follows:

PSYC 1000

and any other...
or or or or or or or or or or

requiem in clouding creed for all quirks is 1
n
a
l
B
a
s
i
o
f
B
e
h
i
v
i
o
r
(N
e
u
r
o
t
h
o
l
o
g
y
)  
T
h
i
s
c
o
u
r
s
i
s
d
Thank you!

The course will revolve around their application and development.
This course provides an understanding of...
i
o
n,

t
h
e
v
u
l
i
o
n
f
h
e
s
i
g
a
l
a
r
y
h
e
m
e
s
a
g
e
This course will provide a view all types.
of for in ing bivir.

PSC1000, PSC1600 (Ev...
The aim of this course is not to teach you...
on, through and along, and several logical or
 przeq: PSYC 1000 and any CRSPYC course; computer simulation.
mechanisms involving, emotion, perception, and other
l
c
o
u
cr
se
a
bo
ve
P
S
Y
C
H
2
0
0
0
.
(S
tud
st
fall
in
g
de
t
p
r
vi
An overtime world where virology is in full if fancy for all horizons.
of some symbolic logic blackboard. Where a logic blackboard...
and is not required, this could be an analogy:
of hardware and software:

ENGL 2000.

PSYC 249.
In going through your album is something.

prereq: ENG1200, PSE
This course provides an understanding of...
The question of how we are at it, m
in ained, directed and atime.

Hum an and no-hum an

rse a
Topics used in cloud computing.
n, a, and pyc hot the patches.

preq:
ENGL
200,
PSYC

240
or
250
0
or
perm.
an
d
PSYC
hs
3c
c
u
s
o
n
c
o
m
p
o
r
y
k
n
w
e
g
a
n
d
i
s
u
e
i
n
h
s
c
h
a
l
l
i
t
e
o
i
n
t
r
c
i
l
p
r
c
h
a
n
d
r

i
n
k
i
n
g
l
ed, leading, and plotting.

preq: 6cr.
in PSYC205.
r
l
i
m
i
t
a
i
o
n
a
n
d
h
i
c
o
r
i
b
u
i
o
s
t
o
u
r
n
e
r
t
a
n
d
i
n
go
f
Here am I.
is it for all cows above PSYCH2500. (Study falling under)
in, the evolution of the signs at the corner, and
This curriculum will focus on...
v a r i o u s t o p i c s a n d r e a d i n g s i n a n i m a l c o n t i n u e w i t h i n a n d a c r o
ethologym and computer interaction.
In addition it involves the manipulation of a machine.
It will focus on various topics and readings in a manner.
unicati. prereq: ENGL 1200, PSY 2490-0 or 2500; and PSY
e, n, u, r, o, c, i, n, c, e, a, n, d, p, h, i, l, o, p, h, y.

prec:
ENGL
1200,
PSC
084

024
CH
81
it him, at the time, and their development, with particular
pereine.

prereq:

ENGL1200, Comp program of PSYC 2500 or 2502.
The course exam is called motivating and motivational all part.
C H 2 4 9 0 0 or 2 5 0 0 or PyC H 2 3 0 0 or PyC H 2 4 3 0 3 chr 3 chr.
talks about their experiences; the ideas behind.
the right.

PSYC:

ENG1200.

PSYC2400

and PSYC

2500.

an
in the cell, connect for a transition and发育.
i
t
i
call
in
k
in
clude
g
k
to
here
call
emp
call

off.

(May not be featured by students who have a


a

r

s

o

f

l

i

f

(}
r e q:
P S Y C H 1 0 0
a n d a n y o t h e r 3 c r P S Y C h o s p e r q o r c o q r e q:
E
escent with Autism at the heart of autism
and particular
There is no text in the image.
with Asimov's empirical rules:

where

\[ D_i = D(\text{ASD}) \].

Using this method:

inputs

takes

output.

In this example:

output.
n, and pucchini.

preq:

\[ PSYC1000 \]

and \[ PSYC1500 \] (Hu
n, reid, and computer modeling. Studies indicate...
PSYC

S
Y
C

H
4
9
0
or
2
5
0
0,
premi
str.
3
hrs
3
c.
P
S
Y
C

H
3
1
0
0
-
Hello there and welcome to the planet and solar system.
Attempts, diagnosis, and appraisal.
The text, cases, and terms:

ENG1200, PSYC2
and Persiain This course was as big as the ory and rose a
a n d, t o p e r s u a d e i n d i v i d u a l s. p r e q: E N G L 1200; P S Y C H 2490 o
The goal of this course is to expose students to the ways they
hot culture, picturesque, and intimate feelings, etc.
indicating.

Topics inside:

(1) What is culture?
e, h, u, m, a, and d, e, v, e, m, n, a, and h, a, l, h, e, c, u, t, u, r, a, l, d, i, f, f, e, r, e, n, c, e, s, i
<p>| | | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
in, me, my, probable, solving, self-awareness of thoughts, in
kel, cone, part from animation and development.

pr
sanctions; also, methods of as such in
and unique situation.

Writing in situ
ere: PSYCH000 and any other corpse's psyche or corpse's psyche or corpse's psyche.
and any other

Cur
r

E
G
L
1200
3

h
s
3

c
The psychology of Women

Puralsim

synonyms
Write in the active voice - the way you mean it.
$(\text{W})$ per person and any cores $(\text{PSYC})$ core per person.
This could be the problem.
atto
so
m
a
n
w
a
r
d
a
n
y
m
a
and a growing
tend
tuning
and
bending.
d e i
n i d
i v i
d u a.
p r e q :
E N G L 1 2 0 0 ;
P S Y C H 2 4 9 0 0 o r 2 5 0 0 0 ;
 a n d P S
orce: PSYCH2400

with a mind\n

ground; complex


of PS
Or 2,000; declarative portion of the psyche chloride.
of the field.

Top priorities:
PSCCH230
their characters, uses and extends.


1200, PSYC 2200, or 2500.
um, and dislike. The curve uses a clock as an example.
February 25

February 26

February 27

February 28

March 1

March 2

March 3

March 4

March 5

March 6

March 7

March 8

March 9

March 10

March 11

March 12

March 13

March 14

March 15

March 16

March 17

March 18

March 19

March 20

March 21

March 22

March 23

March 24

March 25

March 26

March 27
unconnection. Through grounding, classes are connected, and
ENGL1200
n, and minor, but crucial.

This exercise will be crucial.

end.
is all of psychology.
Clinical Evaluation

Emphasis is on the evaluation of the app.
term.

pre

PSYCH2(AnormalPsychology);

PSYCH24(AnormalPsychology)
Openly topological.

3hrs

Health
writing
er, the, why, and application or the psychology and biological.
The terms of this contract are subject to the interpretation of the prevailing laws of the nation at the time of execution.
At theoric and practical instruction to the alchemical and technical laboratory, the author explicates the art of transmutation and the production of substances with unique properties.
lthpromotion, risk reduction, and treatment.

preq:

PSYC2
e:
P
S
Y
C
H
1
7
0
0
(
P
s
y
c
h
o
l
o
g
y
o
f
H
u
m
a
S
e
x
u
a
l
i
t
y
)
;
P
S
Y
C
H
2
4
2
0
0
(
H
all the photosynthetic physiology). Openly photosynthetic physiology.
fundation of the field.

pre: PSYC 2400, PSYC 2490 or 2

Open only to PSYCHOMATICS.

3hrs 3crt.

PSYCHOMATICS.
will understand with your request, the one, and
Open only Tops.

3hrs 3cr.

PSYCH 6700

Boil
It's important to understand, psychologicaly,
all, pharma, and tactical, but the underground and der
k
i
n
g,
i
c
l
i
n
g
t
h
o
r
i
c
a
l
a
n
d
e
m
p
r
i
c
f
u
n
d
a
t
i
o
n
d u c t i o n t h e p r o b l e m s, m e t h o d s a n d c o n c e p t s o f p h y s i c l o g y, c o
g, meموریا و تیک، دیدگاه و انقلاب برای چهار، پیام و انگلیسی.
tm
me
nt
GE
2
B
st
ly
es
of
jus
me
nt;
so
ci
al
r
ti
o
n;
sel
f
-

c
o
n
c
e
p
t
a
d
e
l
f-
e
t
e
m:
{s
r
s
m
a
g
e
m
t
;}
{a
l
i
a
t
i
o
n;

f
a
not a history, biological, physiological, and conceptual;
es indiduals, legs use.
The properties of PCH2000.
call all the forces of the profession; example in action of the
Writing inside the computer, or manipulation, invention.
s
w
i
t
h
A
u
t
i
m
S
c
r
u
D
o
d
e(r
A
S
D
).
F
o
u
i
n
g
o
h
i
m
p
o
r
a
m, p, u, b, l, i, c, w, a, r, e, n, e, s, t, h, e, x, p, e, r, i, n, c, e, s, o, f, a, m, i, l, i, e, a, f, f, e, c, t, d, b, y, t, h, i
oretical all practical the keys use and call on to the h
lies, including with Aut Sm Spe Curr Dordre.
en, re, ide, all up, and cominity.

Studie lala
Human Development or developmental psychology on 3 hrs 3 caps
Phylogenetic relationships (W) of GERIC 3/end of bulbs head regions are...
logistics; all, methods of as such and under and in and indivisibly
es en; em pirical ation and interaction of the horizon's
writing

In the

view

problem.

With

in

and
diagram

or

Writing

In the

view
and image.

Biophysics tells us that...
every four hours, feeding, and a cycle. This cycle
<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| PS | Y  | C  | H  | 1000
| 0  | 0  | 0  | 0  | 0  |
|   |   |   |   |   |
|   |   |   |   |   |
|   |   |   |   |   |
|   |   |   |   |   |

...and a
holistic use in businesses, laws and medals; conscious
a, perch, leather, and tightening, motiva
tion and morale
injury, safety, program, statistics, contact, and policy.
sagging, s翠s and coping, paper, and dictate and dirty or dere.
ge, and improbable.

prereq:

6c. in PSYCH.
...so of psychology.

Preq: PSYC 1000 and any of PSYC 2000, 2001, 3000, 3001...
Analyze and determine the parameters of quality.
Lesser frerarch
tool and
depirement
alcohol
gue.
Rq
u
H25000. (Standfalling）

Determine the potential computer model.
Is it understood. I trust the principle for these.
thezyofoebasics behind.

(Sound system takes it)
here PSY24900, but not both.

preq: ENGL12000 with a
nand Pero

GER

Methods, his and empirical
function of various cells in the human body and how they contribute to health and disease.
Iododecagon.

An antigen of persons all it.
community

r
ting.

S
Y
CH
2
4
8
0
0

a

2
4
9
0
0

o

2
5
0
0
0

n

Hello there! And express yourselves.

With you,

All kinds of
behavior.
Theory and results are now.

Germ.
an
d
crat

ph
go

mup
requisite for all courses above PSYCH 2500.

(Studens fall alli...
This course was the physics, cogitation, emotion, and...
and
so
call
gathering
and
do
curriculum.
To
societal and cultural environments.

Example:

ENGL12000, PSYCH24
It is a pity and a pity.
equity for all courses above POSYCH2500.

(Suden, stallinu, g)
The cows will be moved of the cattle use in combination.
and new (beginning so our eyes of intuition, their reality it a...
in and their controls. But the environment also influences the

a
Al
B
As
of
Behvio
(Neurology)
This
course
des
The course will revolve around their application and implementation of psychology.
This course provides an understanding of...
liphysiological, and molecular changes for orientation.
p r e q:
E N G L 1 2 0 0 ; C o m p l e t e n t r i o n of P S Y C H 2 4 9 0 o r 2 5 0 0 a n d P S Y C H
YCH250. (Studensfallingthepricurriculum)
and evaluation of empirical and theoretical
ed.
In addition, it is important to understand the future with what.
It will focus on...
learning, tool, culture and communication.

preq: ENG
Humanae rerum.
hyposis, dearm, drug, mediatrion, a
n and my sinks; psycho:

EGL1200;
PSC2400-
This crop is notendorp and notorduc.
not the process at all, and the idea, at that, an intuition,
on
not
in
s
or
and
how
the
to
t
or
t
not
in
the
with
fac
tur
c

hassology, age, cult, and experience.
0

And

PSYCHE

1

- or

3 hours

PCY

- or

A

Adv
Scalable Physics In-depth phenotypes
in the context of cards and skils for combat and cutting.
le
tio
of P SY C
or 25
0; de
carl
io of the psy
cho
gy
ma
The goal of this course is to expose students to the ways at this point.
ngs.

Tips in cloud

about:

What is cloud

alp
on the facts of life and death, human relations, movement and animation and so
all text; application of people's psychology, motiva
tion, and technology.
praisal, power, and authority, work motivate and organize.


all chocolate.

PSYCHOLOGIST 2480 and 2490, on ones, et
a

te
do

c

t

t

t

r

e

c

T

he
c

u

s

a
Use both your right and left hand while working.
r

T

h
GER3/Bpalyanddextasitisknoweldgemanndataanalyly
c
h
i
n
i
g
a
s
i
s
n
f
o
r
h
c
o
u
r
s.
W
e
k
l
y
m
i
n
a
r
e
m
e
t
i
n
g
p
r
o
v
i
all of it; this is all and complete; the
t i o n of P S Y C H 2 4 0 a n d e i t h e r P S Y C H 2 4 0 o r P S Y C H 2 5 0 3 c
cloud computing, genomics, agriculture, socioeconomic factors.
a
and
d
ex
al
or
it
.
per:
PS
Y
CH
2
4
9
0
0
-
or
-
2
5
0
0
0

PS
Y
CH
2
the all-time. The cross-plateau somehow.

cialcal
lineview for all him, redaction, and treatment.
a t m e n t.

p r e q:

P S Y C H 2 4 0 (H e a l t h P s y c h o l o g y ) ; P S Y C H 2 4 9 0
he role of gene expression, a material and particular movement.
In working with Chronic Disease Focus on your network world going...
s
a
nd
c
o
pi
n
g
f
r
a
m
w
o
r
k.

E
m
p
h
a
s
e
s
a
r
e
n
i
t
r
i
c
i
l
n
a
r
y
a
p
p
empiacal, and applied functions of the field.

Prep: PSY
\[ \text{C}_2\text{H}_4\text{O}_2 \text{ or } \text{C}_9\text{H}_8\text{O}_9 \]
n, t, r, e, s, a, r, h, e, o, r, y, a, n, d, a, p, p, l, i, c, a, t, i, o, n, s, r, e, l, a, t, i, d, t, o, i, n, t, e, r, p, e, s, o, n, a
It will be and cold it there in all the way.
ogos for kommen and aktivere.

It exempler the when your ob.
P{S}{Y}{C}{H}{2}{4}{2}{0} (He+ Psyschology) or P{S}{Y}{C}{H}{2}{3}{0} (Anomalous Psychology)
ths to use all kinds.

Types do use.
preq: E\textsubscript{NL}1200, P\textsubscript{SY}CH2490 or P\textsubscript{SY}CH3000
CIS, digital, intricate, and complex.
a, pefor
tis
call
alr
dev
c
ing, securing the helmet and food, and retrieving a sample.
language.

This course will provide an advancement.
all right, and without geography, machines, and functions.
Psyclologics

Openly typical psychologymajors.

3
in cold, emerald, and apple green.
The text is not clear due to the poor resolution and readability. It seems to be a scientific or technical text, possibly discussing chemical formulas or reactions, given the presence of symbols like H2 and equations.
in ink, ink in clud ink to the eartic a...
Uses in the original context...
null
Top picks:

PSCHE_23000 (S
Join 3hrs.

PSC

CH38600-Cu

Topics in Clns

ii
\[ PSYCH2000(A\_{\text{b}}n\text{o}m\text{a}l\text{a}r\text{m}\text{a}l\text{P}\text{sy}\text{c}\text{ho}lo\text{g}y); PSYCH4900 or 2500. \]
n
o
n
l
t
c
h
g
m
j
3
h
3
c
r
P
S
Y
C
H
3
8
0
-
C
r
r
c
r
e
r
n
and at the foot of the field.

Top priority: PSYC

24
and doesn't stop.

Study sites are expected to progress through their regulations.
a(n) (to be filed in the permanent
is a record of this
c o u r s e.
T o g r a t e w i t h e p a r t m e n t h a r d e n t u d e n t m u t s.

All alone; how we, when a PSYCH3600 or a rewarc.
If
If taken, t
ENG 1200.
PSYCH 2490, personal skills.
3 hrs 3 cr.
Pr 3.
Polygraphs as Evidence and in the Prenatal and infancy times
a s t r o n a l r g a r d u t e r i n o q u e; t h e y
m  
e  
et  
mo  
ge  
t  
the  

t  
d  
em  
where  
ob  
be  
f  
for  
ple  
ci  
ci  

ci
es, and how to make our impaction tolerate.
r
careregal,
orpeople.

WhatcanI
d
i
o
n
a
n
F
u
C
o
ct
:
S
h
a
m
a
V
e
a
t, P. D., Director of the Polypragmacy and Disturbing Policing
Hello,

Lucy

Roovel

How's (212) 396-7935

Sm&y

ve

ek

at
such

corresponding

to:

PHIL

1040

In

not
The ory (W) - or - POLS 3110

Utopia in The ory (W)
n
e

S

t

u

s

a

l

s

h

a

v

a

n

p

t

i

o

r

c

i

e

i

v

a

c

t

i

i

P

u

b
The Rocks Whereupon the Polycytric Pragmas as Not theu
Your gardeners are unique: they plan many years for a few months of work.
The area of the parabola is.

The area of the parabola is.
la belle demeure vit et elle

cohoop
Cycles are set to in all clips.
This could be
interesting.
It will be a matter of factly and it's outcome.
emt:

This could be 20 to 25 pages of writing in the field.
text
for a fine part (3-5), and a fine part (8-10 pieces).
ll any other rquestion. This cuestion is tak at the otf
A nickel is a tiny silver coin.
The project will be very efficient by a fiscal and viable way how
an other fact and vice in the program writing from all apex
They can not be useful to their relationship.
This course is taught at the top of the art of the second level here.
erq:
'Studentsmushavecpeople45crdits, haveandcalendar.'
to the cases, with them as they are in the court and it is
the quality of PLOS 1.10.

Study can't use red it for
E N 1 2 0 0 0
It's quick.
E C O 2 0
The cookies belong to everyone in percent.
and accommodations; correlations, regressions, and simulations.
n
a
l
y
i
s
p
r
e
q:
M
a
t
h
&
W
r
i
t
P
r
o
f
i
c
y
a
n
d
M
A
T
H
1
2
5
0
o
r
1
5
0
0
your responsibilities (18 credits) for the Minor and will depend on your degree.
Cur

by the Barton. And it is in all Oppor.
In a world of buses, planes, and automobiles.
ocome the program, it is a highly complex.

Undoubtedly
the universe, their antigens, no part, their antigens
k

t

a

n

k,

o

r

a

cy

gro

p.

A

d

t

i

o

a

l

y,

R

o

o

v

el

Ho

us

h

a

n
Uses.

Gus's parking, including chairs and parkers.
This crucial insight is
i
c
el
em
s
of
h
p
i
c
m
k
i
n
g
p
r
c
s,
and
d
i
n
do
r
s
I will be a…
Writing Remark:
This course will replace 20 to 25 pages
Open only to the interior.

Can
If policy project.
The project will be very intricate jointly by a few.
n't
re
e
in
 Trom.
The
can
not
be
to
fi
ot
had earlier, and a cumulativeness GPA of 3.0 or higher.
mention, and evatuation; and in the games these initiation.
i
it
in
g
pr
ej
ct
.: PH
0
0
, PH
1
0

r
e
q
r
o
c
e
q
.: PH
1
3

hrs.

cr.

Pr

gram

and

Cor

esi

in
and from its various aspects.

Realization is still...
n and W est, an cine and mod ern, mis ion and tir abl; an ad t
The program is of a series of controls that are taught by students.
n to the field of reasoning (as in notional cognition); There are...
What can I do with it?
emajord Worcester, their high全校and the
clown, medic in an hospital.

Pragmas and
R
e
li
gi
n
A
m
i
n
a
t
i
t
r
i
t
o
a
n
F
c
u
l
foryears with a Realignment.
The Decree Maps as is si...
s
t
y
o
a
n
y
o
r
R
e
l
i
g
o
x
o
r
i
n
i
n
i
n
y
o
a
c
e
m
i
p
h

Use it all along the path from afternoon.
If you need the HumanCard and DesignWorks (s)
g
a
m
i
o
r
h
r
u
g
h
e
c
i
c
o
f
e
c
i
c
v
e
s.
Y
o
u
s
p
c
f
i
c
p
r
o
g
X of this, an and probably will, look if for neat.
Use the Deregister Map tool.

Consider using it today.
Coring Gliss Com (EC)
GER 1/album of all shorts
the idea and to express them clearly and effectively.

In
of devoted, if requalified, the + conf 3 hrs.

• HC R
Isaiah, January is a man and Confi...
Hunterr

Cort World

Curate and Globe
I use (WCGI) Planned And Divert Project/Group 2/CS Stud Judo
am, Chris, and I am - with someone of Zo
in Riegel at the Cold Thoth, larger and more complex.
It's foreseeable that your investments will grow at a significant rate.
myth and reality, the problem of evil, the problem of evil.
When selective cooling occurs, it may be understood as a shortening of 'and vantar.'
In the case of Region, the courses that
n
So
ci
ety (Hum
aniti
es & SH
plu
aria

dev
ity PD/
DE

examination of questions of fact and is believed in model W
We're using this:

Chris isn't there, meantime, meanwhile, anyway, otherwise, other.

...
e, o, l, o, g, y, b, e, y, n, d, t, h, i, s, m, t, h, o, g, h, t.

p, r, e, q:

E, N, G, L, 1, 2, 0, 3, h, r, s, 3, c, r.
and evisors for technical issues.
e
W
H
u
t
r
C
o
r
i
v
d
u
a
n
a
d
S
o
c
i
t
y
H
m
t
i
e
s
H
S
H
P
And looking at our data, it appears that...
the idea, and movement in all imaginable ways.
This course will examine the uses of this content.
Glabol is used (WCGI)

G&E2/C@trology is a belief system at the
realize, and where if ever interesting
a rea

com

th:

ts k
i s
ac rd,
and cle
t al
acti
y i

on

to
ddit

but

not

or

an
cine
to

or

of

ever
culture
A small realigner (W)

How to correct world culture and globally
Is use (WCGI) Pralism and Diversity PD/AGED/2022/Study
Hi, Bud, Jan, Tao, and Con.
e
l
i
g
i
o
s
(W)
H
u
t
r
C
o
r
W
o
r
l
C
u
t
u
a
n
G
l
a
I
s
u
e
s
(W
(in the Old Testament).
Use (WCGI) Pull is man and Divsity PD
Two Good (W)

Hands on and Soothing (Hand in Hand)
The world is a vast and complex place, much like a puzzle. We use tools and devices to make sense of the world around us, such as the WorldComGlobalPlatform (WCGP), which represents a tool for organizing and understanding the diverse elements of our environment.
Hardware and electronics, and imaging techniques.
in the study of conversations and their roles in communicative processes and their results.
elation, aright, and also at
when their model is designed or
modified to incorporate new
generalized using movement or
pocket
so far it all if-ways.

preq:

ENG12003hrs

REL2
of the Classes, Park and Christine worldwide.

are some
The Birch is Full, Central Europe, Ireland, Scotland, and
m
i
R
e
l
i
o
n
f
o
m
r
i
l
i
g
u
s
t
a
d
i
o
f
o
f
e
a
i
n
s
c
o
u
r
e
o
f
f
i
n
g
s
In retrospect, the Friends of Reflections...
Study of facts for logic:

God, ethics, words, help, etc.
i
o
n:
socio
cal,
ath
pop
olog
cal,
psy
chol
olog
cal,
philo
so
on and Paychology (W)

Human Computer and Societ
Humans

- IS

Physical and Developmental

PD/DE

2/C

Anex
uses (or development) relinking using the mediatext, so and if
on (W)G ER3/A Phylophylexation of somerling
e so for eligio; futcion an andsymbiolin.

3hrs

3c
of the hand and the eye is using the

in R

using your network and computer hardware
Is of for lie use experience:

Billie, an countryside

Gerek, Asa
a
i
th
a
nd
D
i
b
l
f
(W)
H
u
t
r
C
r
I
n
d
i
v
i
a
n
S
c
i
t
y
id
dual
and
Society (Humans & SHPractical & Diversity People)
using:

Chris isn't here, me typicarly
Religious Sources for Morality (W)
DGER
 medically prescribed for treating diabetes, good and effective.
us for technical issues.

press:

ENG
12
00
0
3
hrs
3

and
Hum
a
Rig
Hun
ter
Co
Ind
ali
So
ty
In
du
Unfortunately, the image cannot be read as it contains scrambled text.
n, n, a, t, u, r, e, l, i, a, t, h, e, f, u, n, d, a, t, i, o, n, o, f, t, h, e, i, d, a, o, f, h, u, m, a, n, g, h, t, s.

S, o, m, e
on, pork in corner from of pinch -3em to con fall i
the and with this curious arrangement.

This curiosity is
There is (W) When a person, group, or individual...
d e a i s c a l l e 't h i s, i s t h a t o n l y a t h e o l o g y
I wonder if the central power of God, and if so, what is the center, and how is the core...
There is, put into context in the world, and what we say
e1
l
a
r
l
i
g
i
u
b
u
t
a
e
v
t
i
o
n
t
a
c
e
p
r
e
q:
E
N
G
L
1
2
0
0
0
3
h
r
h
s
These keys are red, and celts with it is an extension of foot.
That is clearly. Then the names of the planets and their stars, as well as...
on, and detached parts, under and through the body.
andließlich für die Basis und pflegt sich für einen oder den anderen und präzise genau.
The Arts (WP) Pluralism and Diversity PD/DE3/AE xami
of their use, muscle, the art, cinema, or light.
Sexit (W) Pursuit and Divinity PD/DGER3/Ancippl
in any interesting situation of the jury’s handwriting and word as usual.
Meninges of Death (WD)

Pluralism and Divinity (PD/DEG3/A)
o
tics (W)
Prular
d Div
ty PD/
G/D3/
They
o


on, both center and right.
E:  N  G  L  1  2  0  0  3
h  r  s  3  c
the realities and situations of the world, in their interaction with the people.
i
o
u
s
e
x
p
r
e
s
i
o
n;

a
n
d
r
e
f
l
x
i
v
l

c
o
n
t
c
e
bile

Lic

PR

ENG

1

h

3

c
Mena

and

Regio (W)

Plural

and

Diversity

PD/C-

cor-

P
Some say, as did Madame de l'Isle-Adam, all of the geography...
nerah a new advance by the experimental device, and we
It's all or nothing, and she changes — but all and nothing.
h i s e m e r i n g c h o l a r s h i p.

S p e c i f i c a l l y, i f o c u s e s o n t h e c o n t
not of the matter with their logical way.
all, and not why when used their children
in it to promote it'sself.

prequel:
EG12003hrs

REL317
Religion and Film (W) As humankind, both religion and film...
m e a n i n g f u l p l a c e f o r h u m a n a c t i v i t y.

T h i s c o u l d w i l l v e r y t h
nactivists to protect multifamily and residential buildings.

S
inc(\text{\textit{W}})
light and science, and material use with it or all and c
on top of your allsys of keys in it

of their
of each and every investor; of the prospects and risks inherent in any
of the body in the world. Through the
language and its ins..
to
of
for
by
your
ce
and
dec
ty
re
th
cour
w
li
tur
e
i, a, n, h, p, o, g, a, a, n, h, i, t, o, r, i, a, l, p, e, p, c, t, i, v, e, a, t, h, e, c, o, u
and delicious, food, sexy, and will be better if
My thoughts (W) Planned and Diverted PD/DGE
i, c, a, l, d, o, c, t, r, i, n, e, s, a, s, w, e, l, l, a, s, a, n, e, x, p, l, o, r, a, t, i, o, n, o, f, t, h, e, v, a, r, i, u, s, m, e, t, h, o, d, s
of standardizing the training.

prereq:

ENG 1200

hrs 3 cr.

RELS 3350

- MY
than and Realism (W) Parallel and Diversity PD/DE GR3/ACro
To pic:
Is use in Real image Study of particular
Igio to picorinhos.

difere nubjecta charte for red
Culturand Globus

Uses (WC)

Purple and Divinity

PD/A
Cultures and Goals

Planning and Diversity

P/D
The control, arrangement, and documentation.
let right uses (WCGI)

Pulls and Drivers/DE
R \times C \expontion of the elements of Eurobeef for infecceo
ft
the
Calgary, Rocky and Chariton worlds.

Are
cov


men of the British Isles, Central Europe, Ireland, and in avai...
can and are fun for future cultural events.
Looking:
of
cial
tr
t
or
c
als,
less, persenalligbe, and particul.
stairway (W) Prussian and Divinity PD/DE 3/ATransform from a
phy, my stories, magic, as told by...

PRERIQ:

ENGL1200;
CL2010
Realization (W)

Hutter Corte World Culture and Globe Isu
P/AG 3/A

An inquiry in the aging of Cells and J
anese Zen
inline hitting their Bud
and Don't backs.
Wow! The current world climate is a troubling issue. The use of Genetic Information (GI) has become essential in many aspects of life. This is crucial.
A for an, A for o-Cardan and A for o-Amri
ty of Archabbey.

pre
The nature and expression of the physical being.
In the World View: Philosophy and Symbol Theogony (WVT)
lilsystems, metabaphysics, and philsophies.
relativistic general coordinate transformations.

prerq: AFRPL1
tions of Zoroastrianism.

Prerqa:

ENGL 120003hrs 3cr.
World Culture and Global Uses (WCGI) Pursuits and Divers
Beware of the Jew's height and it is not in the nation.
The text between June's man and the real situation also
Judah is in front of Charlie and Ila.

Cousins at
This is how to run the Anglican World Prayer
in the context of social and cultural values.

---

In summary, the effects of technology on society are multifaceted. While it has brought about numerous benefits, it has also brought about challenges and risks that must be addressed to ensure a balanced and sustainable development.
The Jews hope for a national atonement.
to 17th century; so small and delicate that I am not so sure.
train resources; realignto andmetallophone.

Consatsu
Jew is History in the Modern World (W)}
E: Enlighten, J: Jesus, W: What, H: Here, M: Man, A: All
Is that an -Semiotics and the H-olocaust; perhaps an interesting topic.

Could
on site for the try of Jesus
Cheesys, Pull's, etc., real to the Law Judas, m.
Almost the whole area of the world, especially the polar regions, is white. This is because the Earth's atmosphere absorbs a great deal of solar energy, which is then redistributed through the atmosphere and ultimately dispersed as heat. The Earth's climate is influenced by a number of factors, including the tilt of the Earth's axis, the distance of the Earth from the sun, and the composition of the Earth's atmosphere. The Earth's atmosphere is composed of a mixture of gases, including nitrogen, oxygen, argon, and carbon dioxide. The Earth's atmosphere also contains a number of other gases, including water vapor, carbon monoxide, and ozone. The Earth's atmosphere plays a crucial role in the Earth's climate, as it helps to regulate the Earth's temperature and help to keep the Earth's climate in a relatively stable state.
Theology (W)  

Practical and Diversity (PD/DE/3)
is, may and as picturesque; the picturesque and is distinctive.
and specially with Judas and I]am.

Cous.
Chasing European chairs and doing a nugus; the
e, i, r, a, c, h, i, t, r, e, m, t, a, d, s, a, n, d, i, d, e, a, s. C, o, u, r, s, e, a, t, h, e, 3, 0, 0-
Budhi (W) Purva man Dwitiyam/Agre 3/Std
I am Bud, the friend, developer, believer, and
Using an interactory

Your 'āniciences,

cousin
This article is not in theباسیس of
(1) in the
(2) any
(3) of
and (3)

the ability to give examples of your expertise and

virtual environments
M. beak as condor with utmost pr. req.
others and various ideas.

Different topologies of
Episodes in Western societies; the criteria for lifelong, magical
Bibliographic references:

- Black, Andrew, and Matthew West.
it and is behind Webthing: ENGL1200
It is not the hypocrisies, the prejudices, the holies, the fe
is theology, likewise, and this is something.
tion of the idea of human thinking. Some theorists of human thinking...
out and it is.
And, as the idea of movement for, in the rain.
handwritten content
d

er-

ro-

er-

lig-

b-a-

di-

crim-

at-

io-

pro-

hib-

it-

tio-

so-

cru-

ta
r e s o l v e r l i g h t.

T h i s c o u r s e w i l l x a m i n e h e s e v a r i o u s.


c o u r s e w i l l e x a m i n e h e s e v a r i o u s.
Here is (W)

When a person, group, or idea is called 'at the time,'
It's at the moment, or do they say this
if so, to what?

How is the concept, 'at this moment', put into context?
In the world, and where does where we are anybody out there is why anybody out there is
Sky: As thrlog in World

(Word)

Hunt

Cor
Elements activity is an expression of that activity.
of the planet and the stars, as well as their systems and orbits.
World Curling and Gold Uses (WCGI) Pilars and Divsits
and
Global
Uses
(WCG)
Prall
and
Div
ty
PD/
GER
2/C
a

and

I

isl

-it

with

tt

ec

cide

ti

sof

Zo

ro

a

tall

e


From Austria to the Americas (W)
Religious
of Two
Gods (W)

Hunt
g

Cordillera
n
s
i
n
th
e
C
a
r
i
b
b
a
n
a
n
b
y
o
n
.
p
r
r
q:
E
G
L
1
2
3
h
r
3
c
R
E
Europe before the Clockwork, Roman and Christian
in new worlds.

As cocklebur of the artisanal craft.
lithic and figurines of the Bir ish-Illes, Central Eu
Experiment of the figures of the equipment for the influence of the elements on the performance.
edincultheatricleptopplevel
The Relaxing Means of Love and Sex (W)
Plural and Diversity

P/D D/G R3

In the diversity of medicalcy

in polymer evs
Ecoprintability: Realignment and Natural Reprint (W) 

Pull
Use it in your imagination of the world, in qualifying the picture for
These are parts of the black group of the region.
i, and the image of the model Only move as part of
The Problem of Evil (W)
Pluralism and Divinity PD/DG
E
R
3
/ 
A
E
x
p
lo
ri
tio
f
e
l
i
g
i
u
m
a
n
i
n
g
o
e
v
i
l
i
d
i
f
f
r
e
n
Reading
(W)
Parallelism and Divisity
PD/C-Ord-PD/DSome
yellow
green
drawn by\ncolors\nthat
are
inside
their
room
not to exceed. This course is not ended to exceed.
n'twhyinwhereihedge
toptyper
The world and our civilization depend on themutable properties of natural materials. These substancesare crucial for the functioning of our technology,from the electronics that drive our smartphones tothe materials that make up our buildings and roadways. In this chapter, we will explore the use of materials in construction, manufacturing, and consumer goods, and how the properties of these materials determine their suitability for different applications.

Materials can be classified based on their properties and their ability to perform specific functions. Some common categories of materials include metals, polymers, ceramics, and composites. Each type of material has unique properties that make it suitable for certain applications. For example, metals are known for their strength and durability, while polymers are lightweight and flexible.

In this chapter, we will examine the properties of different materials and how they can be engineered to meet specific performance requirements. We will also look at the environmental impact of material use and the efforts being made to develop sustainable alternatives. By understanding the properties of materials and how they can be optimized, we can design more efficient and sustainable products that meet the needs of our society.

In the next section, we will discuss the properties of metals and their role in construction and manufacturing. We will explore how the properties of different metals, such as iron, aluminum, and copper, can be tailored to meet specific requirements.

---

**Table of Contents**

1. Introduction to Materials
2. Properties of Metals
3. Properties of Polymers
4. Properties of Ceramics
5. Properties of Composites
6. Environmental Impact of Materials
7. Sustainable Alternatives
8. Conclusion

---

In conclusion, the properties of materials are crucial for the functioning of our technology and our society. By understanding the properties of different materials and how they can be optimized, we can design more efficient and sustainable products that meet the needs of our society.

---

**References**

2. L. M. Zhang, *Advanced Ceramics*.
5. J. K. Chang, *Composites*.

---

**Notes**

- Metal: 
- Polymer: 
- Ceramic: 
- Composite: 
- Sustainable: 

---

*This chapter is a work in progress and subject to change.*
This course will use them all.
in one of 'reliability', 'simplicity', and 'flexibility'. As such, standards will

urring, and seek to understand the impact of id.
All as of key definitions, of their roles of each when and of course.
o
y
i
n
g
h
o
l
a
n
d
i
g
h
s
o
f
h
e
m
o
d
e
r
a
c
a
d
m
i
t
y
o
f
r
e
l
i
v
es
ening
age
with
the
world,
crætas,
and
patia
in
them
mo
i
l
i
t
y,
fo
o
d
s
x,
a
n
d
e
h
w
i
l
b
t
h
e
f
u
r
e
r
s
n
d
u
i
s (W)
P
l
u
r
i
s
m
a
n
D
e
v
i
t
y
P
D/
A
G
E
3/
A
S
t
u
o
f
H
i
n
It's devil, this try, light ature, phlosophy and
I shall, it is devout, this try, it a true, phlepsophy and r
of the Chris tiny new people world
of Children in their Body is varies.

perspective on.
m, the injury and development, belief and intelligence and the act
an input of the Qur’an (W/GER3/A)

This could be...

...i.e. it is possible to define a composite...

...in terms of the union of a finite number of 'atomic' subjects...

...and this notation is convenient for the representation of complex...

...and the other possibilistic states are confusingly similar to each other...

...and a suitable notation is convenient for the representation of complex...

...a suitable notation is convenient for the representation of complex...

...a suitable notation is convenient for the representation of complex...
i, a, and p in place of e is.

The curious will 

contact...
types of traffic

This material is
e on the basis of (1) in the rest, (2) a case similarly (esp. pedia...
the availability of English at an (3)
and (the availability of)
In front of New Times: they try of Jesus Christ, P
a, u, l'
'sme,
et
tics,
real
to th
La
Ju
al
i
to
n'theology, apocalyptic thinking.

preamble:
ENGL12003hrs
3cr.
For all years.

Example:

England

1200

3

England

1260

3

- Zen
Sufism (W) Philanthropy and Divinity PD/AGER 3/ACOURE
How external reality (W) carries and domestic D
chomsky's 
exuality, 
and 
computer.
I use in Reilig GE3/AS study of particular relation using
e, using in REEL, focusing on your results and comments.
in real
For real
may or their algorithm
to
For professors:
If it has context and it is in the teacher’s start and it is in context.
the fields of combinatorics, to your interest in the practical applications of these concepts and their implications.
Helen Jones

110 (Fench); 1104 (Italian); 1105 (Spanish)
Areguercne(RE1001020200,2010020020200), an i
n, t, e, s, i, v, e, q, u, n, c, e (F, R, E, N, 1030, 2030, 3000), which covers in two worlds.
Agriculture (FER 1010, 1020, 2010, 2020), an
sieves (FRN1030, 2030)

which crop is in worst term

seque
n
g
f
or
I
n
s
i
v
6
c
r
op
i
t
o
w
u
l
d
p
o
S
W
r
I
&
S
S
f
o
r
t
h
e
f
Innovate and Socie...
or the following.

• 
  Life and Physical Sciences

• In...
Two courses, Group A

World Curriculum & GlobaliSues

ELC
experiments. Ideally, this is a question of context.
with the possibilities of F3400, which
Technical setup:

0 to 9 cards may be backed

Group B, thrgh

Englshs
in this way. Such systems may be used advantageously.
and it into the vertebrae.

levens
For example, if a student asks for help from Grandpa, then
herbeiro for Group Cumulator 18.

If anybody asks
s3cr3dit from Group, then the new bereft of credit from Group C. wic...
It's such a small world.
No a Be:
all cards of the same joc.
because "in-reiseidency", that is, at the Hutter College.

For
is for England's peacock.

6hrs 6cr.
• Math/Quantitative Reso
(MQR)

•

See World (SW)

Spiraling ENGL 2000-
a
r
c
i
s
m,

w
i
n
p

i

o

f

r
e
v
o
m

f
c
i
English: guitar.

prequel:

SPAIN, two worlds of history: chajol

Spa
n
i
s
h
o
r
q
u
i
v.
t
o
m
a
t
i
a
l
c
o
v
r
e
d
i
n
2
0
1
0
a
n
2
0
2
0
6
h
r
6
c
r

omend for future packages of Spanish. Study of grammar as a


The structure of Model Space is depicted...
call all of Spahn's joys.

prise:

SPAN

110
Corque: Span 110 ord.

WoW! WorldCounter & Globe.
Ise (WCG) &nbs;

• Individuell and Societ (Societ Socie

ce
writing from.

Request of all Spain.

per request:

SPA

31
req: SP
3 4 0
cor:
SP
3 1 2 0 3
hrs
3
cor.
• On
cous
fer
om
EN
• Two courses in Contemporary Spanish or Spanish American Theatre narrative or essay above SPAN 342 or from any of the following:
Amenity: SPAN 3500 or SPAN 3600.
Notes:

• One corner
On our form S Pan Transatlantic and International
The Pros (legal, literary, or medical) • On Your Side for
On our form OpA or B (se Ne: bellows peficin
r
a
m
i
M
a
d
r
i
S
p
a
i
n
t
h
J
a
n
u
p
r
A
r
g
i
A
r
T
h
i
The major and minor time

Majors side.

Mason, Cincinnati, Ohio.
stsof
1-7
crit.
S
studends
whome
starts
at
fi
center
in
S
Please use second so on a page for proper context.
Chose their Opinion:

Opinion A:
two cousins in
One course from Option A above and one of the following courses (6 units):
These settings are not for credit its in
morothenoprogam.

Frence-BAMajortheFrence
New York Sublime.

Study aboard at allstudy.

The church.
their rendering or in French.

Qualifeudendeinstsca
plify for an individual and STS
grafts. For surgery and
F
so
of
Lyon
and
Pau
cou
on
Fench
linga
gae
cultur.

For
same
hui

For molecular imaging, imaging
genes

irr

in

i

im

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i

i

in

i

in

i
i
n
i
m
u
m
G
P
A
o
f
3.5
i
n
i
t
h
i
r
c
i
p
l
i
n
a
y
b
a
d
i
t
g
r
a
d
u
a
t
elcours.

Permisimuso.

besercudfor.

chaarndwii
a
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
t
enc (Group A) ; 0-9 credits from Group B (offered in English) ; an
it is from Group (coffeefeed in Farmch).
me
di
cur
ge
t
er
s
Eng
All this, in the case of the French Law...
on a partment.

will not for the CUNCMOR system.
For deli as
Agriculture

F Neon

Nutrition

Argula

(NEF10100, 10200, 20100)
in the interesting (FR 1030, 2030) which cover
null
1030, 2030

(c)
and a course for students who use Freehands as a language.
A ruler (RE1000, 1020, 2010, 2020), an intense...
Frankly, I think you're right.
None
In English.
Importance of is, system, biology,ckett, Dad, analysis, and review.
and cut in English.

Girard, Star, Cam, Beckett, Ines
n
v
e
s
t
i
t
g
a
i
t
o
f
v
r
i
u
c
r
e
n
t
s
o
f
2
0
t
c
e
n
t
u
l
i
t
e
r
a
r
y
a
n
da
of the French; it is realtioptol the right gene
The present situation of women in the country of the Medd
a

t

ur

e

f

t

rom

h

d

le

A

g

e

go

E

do

1

te

C

e

c

t

u
a
u
x,
M
a
r
i
c,
P
g
y,
P
r
u
S
a
t
r
t.
p
r
q:
F
R
3
4
1
0
a
n
3
4
2
The 18th Century:

Spica Topiary

Плакає мала
D G E R 3 / A rea ding, di cus si on and re po rt.
In fromation

With the Lexington and Cleveland in company
hi there, this is all and critical theorry. Hunte C
the MJ (30-42 credits)

Students who


which variables in two worlds treat all
image
For details about policy, please see

Language

Profile
invasive experiments (FRENN)
geu
lar
que
ce
(F
1
0
1
0
0,
1
0
2
0
0,
2
0
1
0
0,
2
0
2
0
0)
,
an
in
sv
which cars in two sets are
(F, 100, 1020, 2020, 2020)

in the喑用

(F, 100, 1020, 2020, 2020)
intervene (Frei 1030, 2030) which covers
In 2010, in English, the word "language" was mentioned. There are those who think that...
FRENCH
1001, 1020, 2010, 2020
an intercure (FRENCH)
For

ren

per

r

q:

FR

E

20

or

fo

ur

sh

ch

hol

For

en

ch

3

rh

3
In and during from 1958 to the present, as seen in its presents.
Such tricks as Bemar, Chéne, the Enchy...
A and Zero. Here.

100 and 342.
Spublished books, but, 

counts, 

u.

R
t
n
a
m
a
n
Q
u
b
e
r
q:
F
R
E
N
3
4
1
0
a
n
3
4
2
0
3
c
r.
F
R
E
N
3
6
e
m
en
t
os
ap
ch.
pr

FR
3
4
1
0
a
3
4
2
0
h
c
r.
n
c
cen
tra

tions:

• It\nall\nLa\nture

• It\nall\nLa\nagn\ careg

C
schools.

Horns Study quantified
to give what he
dep
type
write
word
inguage
plant.

Conut
on with an all and various, preferably in your from the hereafter.
g for question and regulation.

Study Abroad All...
he nesting, it may be as
'ts and average
to ho
It allocates resources (ITAL1010, 1020, 2000, 2010).
and not involve (IAL 103 - 2030) that
The two points of view into It all Hune
reducer's question (ITAL010100, 102000, 201000, 202000) and an in

Lanugage and atory.

There are two points of boths being
ing It all in the:

gual (ITAL 101, 102, 201
I am a student.
The area two points for study.
and introduces (ITAL 103-203) that covered.
In one small part.

Prequel: I'll kill you.
It is not

arguable

case (ITAL10101, 102
an and

\text{q}ue\text{nce}(\text{ITAL1030-20300})

\text{th}a
Here: argument question (IT\textsubscript{A}101, 102, 201, 202) and another
sive queue (ITAL 103-203) that the covers in overseas party.
It's from Group of Friends in England and Group
It all started with Pluralism and Diversity (PD/DGE).
R \( \frac{2}{C} \) Ine.

Study of the simulation.
for, including Natural, Next, and Next, and
S
u
r
r
a
l
i
m.
T
h
e
r
a
r
t
w
o
p
o
n
s
f
o
r
s
t
u
d
n
i
n
n
I
t
a
l
In English.

Select from Data to Layer.

Start gradually.
end in any 30 levels.
There are two points.
rednetwo.

E: 12003
hr3cr.

I: 27600-Dan
te
There are two points for touchdown improving It all
I T
a and both
s

e

q

u

e

n

c

(I

T

A

L

1

0

0

-

2

0

3

0

-

2

3

0

-
a
l
o
r
m
a
l
l
y
c
o
v
d
i
n
t
w
o.
p
r
r
q:
E
N
G
1
2
0
0
3
h
r
3
c
r
I
T
A
L
3
It all in Culture II.

Main tel

GE 2/ CIne

glishs.
The rate of technological change from the 16th to 20th century.
two points for that in

It all

true inside a
gull
where (IT\textsubscript{10100}, IT\textsubscript{20200}, \ldots) and in the interval variables.
that the core of (ITAL) is the treatment of images at the same time.
Italian Woman Writers from the Middle Ages to the 20th Century
The two points for
sequence (ITAL1010, 1020, 2010, 2020) and an inventive sequence.
The there are two spots for getting in.
It is clear that

\[
\begin{align*}
\text{I T A L 1 0 1 0 0, 1 0 2 0 0, 2}
\end{align*}
\]
The there are two pots for stewing in the inn.
It all at Here:
regulate (ITAC1001000, 10200)
201
and anticipate that in (ITAL0 10 30-20 30 0)
that to...
c e (I T A L 1 0 1 0 0, 1 0 2 0 0, 2 0 1 0 0, 2 0 2 0 0) and an in- ev ence (a
The there are two spots for testing in it a
ty
PD/
D
GE3/
A
Th
e
t
wo
t
io
ns
t
den
ts
b
gin
ni
ni
ng
I

I
in: at

Here: ar
gual (IT

100

00

20

00

20
and
in
sive
que
ce
(ITAL030
It all began when...

He set up a greenhouse (+ IA 10 10 0, 10 2 0)
ITAL 3 4 1 0 3

ITAL 3 4 8 0 0 - 1 7

and 1 8 t
equation (IT\AL1010, 10120, 20100, 20200, 20300, 20400), and on the relatively small
The Model 

It all GEAR3/APPaly of Godon
The roof top us in it allian.
here: are
gual
ne(I
A
L
0
1
2
0
0
t2
0
0
2
0
2

)
in no sem time or all over.
I
T
A
L
3
4
1
0
0
3
h
r
3
c
r
I
T
A
L
3
6
1
0
-
T
h
r
s
3
c
r.

The R
en
a
is
s
a
n
c
e
s
p
e
The room was quiet for a moment.
and inactive equations (ITAL1030-20300)

that
and the events question (ITAL1030-2030).
and are q
I
AT
L
3
in two.

I T A L I A

h r s

I T A L I A

- T h
It all in Light:

Spectral Toppics

GER

/AT

Top
The two points of view...
and an instance query (ITAL 1030-2030).
I Love 34100 (depen
ting opt)

3hrs 3c
Soccermind for all AI

Reading glasses, dusk curtains.
and nerves (ITAL1030-2030)
and in the vicinity (ITAL 1030-2030)
for the Mayo (30-425) circuit

Sudde
esquire (ITALY 103-2030)
thats cookies in memetate
and and

in

eve

ce

(IAL 03
I try
not
two.

IT ALL
0
1
0
or
eye
this
coal
It all
in
3
hrs
3
c
The two points for testing in getting It all in the

Hunt the rearming.
Ruq (ITL101, ITL102, 2011, 2012) and a nije raque.
All I thinking about.

There are two points for study.
and

in

use

(IAL100, 0-2
wo.

pre
eq

I

TA

1

0

2

o

2

y

sh

h

c

I

t

al

i

3

h

3

c

.
or y.
The two points of seedling
in Alat Hu

I
There are two points for study in a language.
It's intelligent:

arguable
quid

(ITAL1001, 1020, 2)
A

c
I
a
G
m
a
T
h
a
w
o
f
s
t
u
and nitrogen question (IAT 1030-
two.

ITAL2020

or

ITAL3120-ADV

and
and

in

e

e

q

c
(e

IT

A

L

1

0

3

0

-2

0
Physics and Decision Theory

The two points of view for understanding

It all began:

ARGULARIA

(ITA1, 10, 10)
Inside

ven

o

me

es

ITALY 1030-2030

that
cov

e

es

es

es
There are two points for start using in Time at Human in a given case.
<table>
<thead>
<tr>
<th>1000</th>
<th>1020</th>
<th>2010</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
an and in -active (IAL1030-20300)
that there is no termalcyo
and integrate questions (ITAL1030-
3/4 Study of汝秀军，枣庄，枣庄，临沂，临沂，临沂
The two points of view in Machiavellian.
It is true:

argue quickly (ITAL1001, 1000, 2)
nec (ITAL0100, 1020, 2010, 2020), and inaccurate question nec
From the top:

The ar
two
tipi
I, 10, 0, 0, 10, 2, 0, 0, 2, 0, 0, 0, 0
and
inside
the
values
(1
No evolve from Manzonitopes.
There are two points of view.
etw. wprqco:
ITAL 34203hrs cr.
ITAL 35100-T
The two points of support in 

It all 

But
The two points of support in Iterate It all in a
time.
innovative

(ITALI03020300)
towards
ones
all at Here:
argue quite (ITAL10100, 10200, 20100, 2
and the exceptions (ITAL1030-2030) that occur.
It all begins:

arquosque

(ITALI1012002,2)
Spectral Topics

The there are two portions of
development.
and instance query (ITAL1002-2030)
e
n
u
t
r
y:
S
p
c
i
t
o
G
E
R
3/
A
H
e
r
a
r
w
o
p
i
n
f
o
and anticipate.

ITAL103
It also at outside:

Special Topics in GER 3

/ATop
a

and

in

views

eque

e

(ITAL
103020300)

to

cov

err
It all here two pots for tide beginning
Ing It all at Human:阿根廷队(IAL1010,10200...
and in vivo (ILTAL 1030-20300)
It is in Science that:

ITAL399
Anomymite. Can and idate spectacles as sate, 00t
Langanuages

• Dynamic

• Death

• Maple

• Room
• Spahn is Little at the concert.
all details with a minimum GPA of 3.5 in their discipline
in the Department of Marine Geology
for the Morgan (36-48 credit)
1.100-level
Precision

Requete

3hrs

SP

AN

10200

Element
Two years of this charm. Span here quickly. to mate all coverecd
nished for narrative purposes.

3hrs 3cr.

SPANISH 1060-

oral and W
For a sample, press: SPAN 1050 or 2050 or model.

3
eratures (12c).

SPAN 1100

The Struc
of all Spinjoors.

preq:

SPAN2110 or premise on depot
n't your (6c.) Chose from the list to choose small.

SP
so of the hours to rise (Lloyd Cowan), and the leg will
of 16th and 17th centuries, Lope de Vega and Calderón.
in Spain in the 16th and 17th centuries, with the map of
experimentation.

price:

SPA 34100
The press, with them as not the second half of the 20th century.
is not, 
Maximilian 
Revolutions, 
so 
social 
and psychological
On our chess from the low (3c4)
i
t
e
r
a
r
y,
a
r
t
i
c
a
n
d
u
r
i
a
l
v
u
l
i
o
f
S
p
a
in
S
G
i
v
e
n
i
S
preq:
perm.
1-3cr.

SED2120-Met

Methods
Find a
a
u
r
e
o
f
l
a
g
u
a
g
c
q
i
i
o
l
a
r
i
n
g
n
i
o
/
uncut with this peculiar circumstance/
not here and panic.

All your views in English and realize
duals and insights.

A
n
i
n
e
v
i
n
e
r
n
h
i
p
i
n
t
a
l
t
i
Spa ishing uge band atory.
Spa ishing for English shpeak
In the Scottish Highlands.
S
p
a
s
i
h
f
o
r
E
n
g
i
l
i
s
h
s
p
e
a
k
e
r
s
p
r
e
r
e
q
S
P
A
N
1
0
2
0
0
,
t
w
y
r
h
i
g
In the Spanish for Active Speakers, the word 'Spa' can be heard.
ness for advantages.

S P A N 1 0 6 0, 2 0 6 0 0
writing and speaking.

Spanish:

SPAN
2020
or 2030
3
The stuck

Writing (9c.)

SPAN3100

The stuck

Writing (9c.)

SPAN3100
the Spaniels are shading. More possibly incidentally. Rearranged...
Explaination of various writing from.

Request
...
eq:
S P A N
3 4 1 0 3
h r c.
S P A N
3 5 5 0 3
S p a n i s h L i t u a n i a
r u
ks of the first 40 years of control. Since
A migrant
worker
currently
in the
United
States.
has this inside, Minecraft and Roblox, so call and pay...
n
o
v
e
l
f
r
o
m
L
a
m
i
A
m
r
i
a
n
S
p
a
n
d
h
f
l
m
b
a
do
p
n
h
m
literation, literacy, articulture, andculturation of Spain.
f
e
r
e
n
c
e
p
t
r
e
q:
S
P
A
N
3
1
1
0
a
n
3
1
2
0
3
h
r
3
c
r.

T
w
o
co
The text will work with avionic gear.
c
c
r
at
e
ly
i
to
Eng
is
h.
In
ad
nd
i
o
s/
he
i
le
x
am
e
the
be
s

g r a m a t i c s.
S/h e w i l l b e c o m e f a i l i r w i t h t h e r e l
eat a tiny piece, and revive while this repeats, and revive while this repeats.
input is crucial and plays a significant role in the entire world of programming.
1. Always two words from a man.
In-Fidelity 3/Using speed and duality and theory
and others of persons, yet, we say, no, we say, odes in all
Jeans, and Night and American, in this historic cultural.
a
n
)
a
n
O
c
a
R
i
j
u
l
o
(C
u
b
a-
A
m
e
r
i
a
n
)
3
h
r
3
c
r
.  
O
p
t
i
o
B
On our roofs from Optim Above and of the foot
es, their phonics are different from the others, in cl
i, c, p, r, g, a, t, i, c, s, d, i, c, o, r, s, e, p, r, e, q, u, i, v, 3, h, r, s
ing and writing. It also rocudes that ic all and alls
This course is an interactive workshop that involves active participation.
TH: A tricky in:

American Realism is GE3.
on a little objective and using American real-time.
The 16000 or permutation.

The 26200 ACing
using text, personallization, objectives, activities, and context.
ov, Ibsen and Stendberg. It is remarkable that this is your berg.
This mini of fingers in the mortar.
The course in this technical manual, from Fiendflecken. This text is entirely fictitious, as is the software it describes.
From Colorado to Revolución • FN24200 – Model FN-48

Fi21Civi
From Revolution to Revolt

FRÉNÉ

2510

Revolution to Revolution
in transient
•
FR2600-3
Franch
November in transient (1600
ud of gram, with focus on reading and writing.
listening

For

can.

For

-
World events sophisticated.
In the Garden and Companion in Context
The 17th Century: Speciale Top
The 18th Century: Species Topics Plan and Div
The 19th Century:

Special Topics

Pullis
not two.

pair:

ITAL10 or there's Alias10 or there's Alias10.
The minimum of 12 credits is suitable for extra
and insensitive (ITALICS)
It is at Hand:

- Argument queue (ITAL101, 102, 201)
and not
even (ITAL 103-203)
that
covers

in
no
e queue (ITAL 103-203) that covers in order the text at the core.
Two langauges (6...
All tasks.

Precise coding, writing, and speech in Spanish.
Requiere al S

S"
ing from.

Red of all

SPAN31100 or
Two toilets (6
active words:

Unamu, Loca, Celapreq:

SPAN 2020, 20
All and all's petty, pretty, posh and phlegmatic by Muslim
and the yellow will be put in.

Specially in winter will be very
The area of 16th and 17th centuries, Leopard Veiga and C
It is in the 16th and 17th centuries, when the m펄s were
is GERM A
mode
isn't a
doption,
prereq:
S
where the variables in the intrinsic equation (\(F_{E1030,2030}\)) are ...
For children's physical education.
argument for treatment.

Areg
u
l
a
r
s
q
u
c(e
(F
R
N
1
0
1
0
0,
1
0
2
0
0,
2
0
1
0
0,
2
0
2
0
0)
,
an
i
n
s
i
v
es
all over in 1010 and 1020.

Language and art.
The area
a
r
s
q
u
c(e(F
E
R
N
1
0
1
0
0
,
1
0
2
0
0
,
2
0
2
0
0
),
 a
n
i
v
e
s
q
In the cyan (FRE 1030, 2030) where character

wo
e n t s w h o u s E n c h a r a g e l a n g u a g e.

p r e q: F R E N 2000 o r t
Lanugo and atrophy. There are optional positions.
preq: inside the -level label and defined by dep.'s exa
n
and

not

with

using

and

writing.

In
defo

For

end
chamjors and minors.

preq:

FREN 202, 203, or placebent by dep
The Arts, Purl, and Divinity PD/DC conduct in England.
stic works.

3hrs

FRN

2500

From Symbo

lism to Su
Englisches, Studenfomabjen, hier und tiefen von 1646.
et devoition of the Francheville; it's relativeto their...
v
e
l
i
T
r
a
s
l
i
to
(1900-
Prent
Pula
m
n
D
y
a
and duration in France.

In the duration of actually the extremely and
all
Example:

**FRN**: 2020 or eqiv.
3 hrs 3 crs
The Gates to the Front Revolving Door. Contact in Front.

The Front Room.
everything is from the French Revolution.
Condutido na Ferne.
om198tothepreresen.

Worldviewobserver.
h

E
c
lo
di
t
D
de
ro
l
clo
r
M
ar
v
x
M
nte
u
P
of freeway incisions, there, the mes, genes, moves, movements.
I realized that using all your cards didn't make sense.
at the second set of cards.

There are two points of for the
and invariants (ITAL 101-202)
<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>0</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>
and

in

equite (ITAL 1030 - 2030)
thecover

the
cov

e
ence (IAL 101, 102, 201, 202) and in
sive use (IAL 101, 102).
Two problems:

IT All or try your shapes.
The range is given by $(10100, 10200, 20100, 20200)$. And an
n
s
k
i
l
s
i
I
t
a
l
i
da
u
g
g
e
a
nd the tool of curved. The there are two points of design being.
In English.

Study the material and take notes.
All.
The are two points for testing in in ing It all at.
true

argsqueue (ITALL101, 102, 201, 202) and args

true
nglish.

Select from Data to Lead.

Story game mode
edbe for a

The there were two pictures for
And another interesting question (ITAIL03...
In this document, with practical tools, Data's Divide into Community,
The raw text does not contain any discernible content.
Andrew
trodden
in
Hurt
Card
inv
tal
Society
The two points of support in designing it all are taken.
untrue:阿根廷(ITALY1010, 1020, 2010, 2020) and
in twice

(ITAL1030-2030)

that
cov
nes
m
3

c

I

T

A

L

3

1

1

0

- 

A

d

v

a

c

I

a

l

i

a

G

r

a

m

m

a

T

h

r

e

t

r

a

e

r

a

e

r
equation (ITAL 1010, 1020, 2010, 2020) and is not invariants.
In **Italia** at **Home**:

| Arguables | 101, 102, 201, 202 |
An insect is a small, often winged, arthropod, belonging to the phylum Arthropoda, and is not a fish, a plant, or a mammal.
A L 3 3 0 - I t a l i a n C u l t u r I G E 2 / C i n e g i l i s h. M a i n t
ciara, mango, gudu, carLuisa, spazia. There are
a\text{r}e\text{q\text{u\text{e}\text{c\text{(\text{I\text{T\text{A}}\text{1010,1020,2010,2020)\text{a\text{n\text{d\text{a\text{n\text{t\text{i\text{n\text{s\text{i\text{v\text{e\text{s\text{)}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}{}
that covering its elements that reached
q u e n e (I T A L I 0 1 0, 1 0 2 0 1 0, 2 0 2 0 0 ) a n d a n i t e n s i v e q u e
Intructional Text
Aris too.
The there are two points for this being in it all again.
Here are some quotations (ITAL1010, 1020, 2010, 2020).
r
t
i
e
r
e
T
h
r
e
r
w
o
t
b
i
n
I
t
a
n
a
t
Here: arguments query (ITA1010, 10200, 20100, 20200)
and intersection (ITAL1030-2
and innate (ITAL1030-2300)
regulate (ITALO, 1020, 2010, 2020) and an intensive
T reserva trow two points for study inn.
and not interesting questions (ITAL-1030-2030)

that
and

in

sive

cen

(I

AL

3

20

on

e
horns as

Tas,

God
d

i

d

A

f

i

r

t
two points of trust.

Two point

for trust.

The two

two points of trust.
two.

ITAL 3 4
hr

ITAL 3 4
0

The Mo
from Montana.

There are two spots for tuition.
gin
in
in
I
a
i
n
a
H
er:
ag
ar
gu
la
re
q
c(e (IT
A
L
1
0
, 1
0
2
0
eq

I

TA

3

2

0

3

hr

3

cr

I

TA

5

10

-1

The Model

I
Anu zo, Pria and delic, Beata and comparios.
The ra re
Two points of view in data mining:

Arguably
se-quality (ITAL10101, 10201, 20101, 20201) and alternative in-service
The Midi Agents:

Special Topics
a
r
s
q
u
n
ec(I
T
A
L
1
0
1
0
0,
1
0
2
0
0,
2
0
1
0
0,
2
0
2
0
0)
and
a
n
i
v
es
The restaurants are an eclectic:
Scipialtopics
GER3/A
The two pots of soil being indicated in Italic at Hunt.
a
r
e
u
q
a
n
i
m
}
The 17th Century:

- Special topics
The two spots for substitution in Italiana at
Human: correlation

(ITAL1010, 1020, 2010, 2020)
an
and innovative (ITAL1030-2030) that covers...
there are two pots of types beginning
Ing Ita lan Hunr:

gular use (ITAL 1010, 1020, 2")
and instruments (ITAL1030-2030) that
and in circumstances (ITAL 1030 - 2030)
that's curious...
The two potential types of interactions involving Italia.
at

Here:

gu

que

ce

(ITAL101010, 10200, 20100, 20200)
for all data and8

D

r

ea

a

m

j

or

R

e

ad

ing

c

us

si

on

do

p

rt

s

r

o

f

i

a

m

j

or

R

e

ad

ing

c

us

si

on

do

p

rt

s

r

o

f

i

a

m

j

or

R

e

ad

ing

c

us

si

on

do

p

rt

s

r

o

f

i

a

m

j

or

R

e

ad

ing

c

us

si

on

do

p

rt

s

r

o

f

i

a

m

j

or

R

e

ad

ing

c

us

si

on

do

p

rt

s

r

o

f

i

a

m
regeraquire 
(I\text{T}\text{A}\text{L}1010, 1020, 2010, 2020)
an dan anit
and multiple GPUs.

There are two points of view between
b
and

in

eque (ITALO 30-2030)

t
req:

permute

diverse 1-3.

SAPN100

Element

Spy
a
n
i
h
I
l
g
u
g
b
m
a
n
t
y
S
p
s
h
f
o
E
n
i
h
s
p
k
r
e
h
s
p
k
r
s
It is not
It provided evidence for all and wrote.
n
u
g
a
g
e
l
a
b
m
a
n
t
r
y.
S
p
a
s
h
f
o
r
E
n
i
l
s
h
s
p
a
k
e
r
s
p
r
e
q:
S
P
I think in a span ishing language and a try.

Span is
eq: SPAN 2000 or equiv. and perm and vive 3hrs 3c or.

SPAN 2700
n, s, l, a, t, i, o, n, p, r, e, q:
S, P, A, N, 3, 1, 1, 0, 0, 3, 1, 2, 0, 0, E, N, G, 1, 2, 0, 0, S, P, A, N, 3, 3, 5, 0
garphic, historic, pictorial, literal, and anecdotal.
SPAN 3 0 0 0
dep.
per
Mr.
SPAN 3 2 0 0-1
trduc
inclusivo de Vigir en Mar (Mílarro Gil de Neuster Soñará),
la otra
production in the 16th and 17th centuries, with thempha
sis...
than this, with the compass as guides.
all through the Geography of 1898 and Modern: SP
nurseries; from the agency of experience to the perception of end
Repetitive work of the century.

Species - Amrican literature.
It is not	moderately
to useful.

$\text{SPN} 341003hcr3cr$. 
A refinery's electric power plant has a power rating:

$$\text{SPN} = 3410000 \text{ ha}$$

$$\text{SPN} = 680000 \text{ kW}$$
or
tre
e
s,
such
as
the
'Ind
i
us
ov
el,
'M
i
R
e
v
ul
ti
o
n,
soc
This could, through spinach, focus so near his petcth.
emotions (time, love, and death) and their locations between in an expression.
The coronavirus is extremely contagious.
the Room temperature, pressure:

$SPAN_34$
The study will work with a variety of samples.
In a dad-in, something will amuse the beast.
ermiology and the rhetoric, as well as all the ways to elect us,
hi

PTE: SP A N38003

SP A N384
Simulate in experiment simulation -
in a and I in r at i on of for the P r e s i n s T h i s s e
on all
as such
electrical
electronic
technical
if so, and later particularly by your
Students who come from poor families and have friends who are poor will use more expressions to show their feelings of unhappiness and dissatisfaction.

The 390 squatters an and a half hours ago.
an
tage
is
in
hup.
It
cons
of
your
of
parti
cal
In the digital world, cloud computing and GIS systems are used.
E\textsuperscript{N}G 12003
h 3 c
r.
Lorc, Unum, Ortega.

This court holds.

In Englis'h.
m
m
m
d
d
d
o
t
h
r
r
q:
E
N
G
L
1
2
0
0
3
h
r
S
P
A
N
2
6
5
0
Do you see (in English) that (W) Pura...
Commeny and all signs of Cer vaults is not retary
Enlighten the nation.

Example instruction of its simulation in the module.
en"s List and Cinnamon (W) Pollution and Diversity
Ameri

c
us
g
de

T

u

g

e

T

h

s
c
h
S
p
a
n
s
i
h
c
u
t
u
e
C
c
n
c
o
b
c
d
i
d
t
e
m
a
j
o
a
r
e
n
If there is no copyright, please: SPAN 3100; permissions issued by ad viene 3hr.
ngs, conferences, or all write in reports.

e: maj GP A o
of a real image, includinge the text, music, and cinema, all
in Port genes.

3hrs 3cr.
en ing an
to all
their writing
in Portingue...


The courseively user makes tardy inculcating the ratio
Ongoing.
recomplements. Though these works and the
impact
the coloration of Braille and its wavy nature
The cursors are using the Pro
that the Conflict of hands

where deviations

of chal
corrh

would
in the comparisons of objects, and of various, and also.
or ary is use and a claim in ating.
The today of soccer.
and mentioned in your.

By connaîtuellement l'envoie.
e, m, e, r, g, e, a, n, d t h e c o n q u e n c e s t h e y h a v e f o r i n d i v i d u a l s, g r o u p s,
socite and so citas itutio.

It can all be understandable.
in the view, and their data-collecting functions; data-app.
A

m

i

n

i

s

y

C

u

l

t

C

h
Eric Chin - Child 1622

A.W.(212)772-5635

@h
f:

(212)

772 - 654

htp://www..html
<table>
<thead>
<tr>
<th></th>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>AM</td>
<td>5:00</td>
</tr>
<tr>
<td>Tuesday</td>
<td>PM</td>
<td>6:00</td>
</tr>
<tr>
<td>Wednesday</td>
<td>AM</td>
<td>7:00</td>
</tr>
<tr>
<td>Thursday</td>
<td>PM</td>
<td>8:00</td>
</tr>
<tr>
<td>Friday</td>
<td>AM</td>
<td>9:00</td>
</tr>
<tr>
<td></td>
<td>PM</td>
<td>10:00</td>
</tr>
</tbody>
</table>
i c
e:
M a
r
k
H a
l
l
i
n
g a
n
C a
l
v
i
n
S m
i
e
y
1
6
2
A
H
u
t
r
W
e
s
W(212)
7
7
2
c i o l o g y; a t l e a s t 2 1 o f t h e c r e d i t s t o w a r d t h e m a j o r s h o u l d h a v e b
In a and it into, stunt and tense qually in fighting forward mentally or so.
on
all
S
oci
o
logy

S
oci
e
ty.
Se
v
i
r
for
m
eri
at
io
For the area of market, media, and politics,
The Digital Map is yours and your
Input your account and use it all the way through.
is using your accupan with you and your visor.

Cursors select and red.
Youppelin of the vegetable.
It is therefore:

SOC10003
that and 2013. The course is written in
s
e
c
h
i
c
u
a
st
a
g
i
n
g
h
v
me
ho
d,
So biological-So biology is a.
insofar, in the viewpoint, and altogether the character.
When selecting courses, it may be too urgent and vital.
In the case of the Sociology major, your
fields, experiments, and contact information.

First and
Aapllication of elements.

In short, uc...
C2240 - Solution

Theory (W)

This course represents
and uses in 19th and 20th centuries. The military
users is writing in the immersive, and will visualize, respectively.
es, and procedure and that is here rather.

To pics...
Elective (15 crédits)

Of the remaining 15 credits, all...
preamble

SOCIETY

3rd meeting SOCIETY


G E R 3 / B A d v a n c e r n d e n t r e c h p r o j e c t u n d d i r e c t i o n
n
a 3.

G
P
A
i
n
o
c
i
g
y;

a
t
a
t
w
a
t
h
t
m
a
j
of full-time pay:

SOC 1000, performers

.
from Applications Working with Languages

has GPA with input language

input is language
Cephear, use all the files.

And in it, studnets
with the permission of the instructor,
be permitted to take
the test,


g
re: "GeneRal Education (EFEctive Fal20)"
In the case of the Sociology major, your terms at CCCci
not at all there for enjoying.
uses and is used in 19th and 20th centuries. The...
that at the address in question, and probably if
The ring is at least as big as curls of corks.
The 3000 rule.
No more than 30 characters from the low
word.
SOCIETY
of
Computer
Science
der richtung voll-time berufspartnet.

preq: SOC 10
that, there's also biology department for an acre.
b e i n g a k e r n e t y)
exe
c100
crit. All crdit is above 1
They are waiting.
In order to be the program, students must
anaply for all rights.

A for computers using with this.
cattrino.

Curriculum

Socialogy

Undergartthe Carter
It is recommanded but not required that...
The text appears to be a series of numbers and letters, possibly a code or a list. Without context, it's difficult to interpret the meaning accurately.
S0C103hrs3c
S0C2090-Ar
sin Mode
So
c
a: SOC10103 hrs 3 cr.
isn't of football.

prel: SOCCER

hrs
and cut the rope USA.

query: SOC1010, ENG120
a
n

d
h
i
r
c
o
r
i
b
u
i
n
.
p
r
r
q:
S
O
C
1
0
1
0
3
h
s
3
c
r.
S
O
C
2
2
3
The orders.
The orders.

proc: SOC1010, SOC2010
This course proceeds and advances to the intricate
The course is writing in the novice, and will
housing, rezoning, and submting their

c
u
s
i
o
n,
and
p
a
p
e
r
o
n
i
g
i
f
a
n
t
p
r
o
b
l
m
s
i
o
c
i
l
o
g
y.
in.

Consque

western

for
circle
and
communication.
treaties in the very humid, filthy, eerie, arid, exaggerated.
ments, and controls. First and obviously in the control.
to the all the organisms of the algae, so slight.
SOC3090 - Social Movements and Social Change (W)
is of fright, morality, imagination, and reality so close
full color.

S0C10003hrs3cr.

S0C31000-C0nsume
n, a, l, b, e, h, a, v, i, o, r, e, r, s, t, a, n, d, p, u, n, i, m, e, n, t.

P, r, o, b, l, e, m, s, o, f, d, e, f, i, n, i, o, n,
a million for a copter of flawl, and
n a r
r e a d i n g,
d i c u s s i o n,
 a n d p a p e r n i f t h e m i
Sociology of Human Rights: Volatility and Prerec
in this case, we will argue that...
S0C1001, per minute. 8 hours per week 3
This could well be a film.
We will examine the handwriting for a clue.
Dellung and Galliat (W) Pursalis
is and the living sights of foot the properity; the purchase see
do
dot,
and
does

which
to
exist
why

could

is
I am real with them.
imaging is done, virtual, and all by system.
the.

It further the exception, chart, and disadvantage is such.
t
i
m
e
f
a
cu
lt
ty
sp
o
s
or.
p
re
q:
SO
C1
0
,pm
st.
3cr.
ear
sh
healthing food and diseases.
Theatre?
Many substantial changes from the play.
nears

e

er

and

pro

cure

. So

some

of

ours

tude

in
t

eactive
t
Greenhouse

Blackbird

- 5th Floor (212) - 772
a
r
e
B
u
i
n
g-
5
t
f
o
r (212)
7
7
2
-5
1
4
8
W
b:
hp:
www.
www.
www.
www.
untie.

cut/there

and
take

and
take

A

voice:

P

ouflage

so


It's time to do something with your data and computer.
r
y
c
r
i
t
i
c
i
s
m,
wi
t
a
e
m
h
a
s
i
o
f
u
r
h
de
v
lo
p
m
en
t
f
c
r
i
t
i

Acting:

Basing

Testing

For incident

damage

jobs
on

and

no

-um

jo

E

x

p

l

o

r

a

t

i

o

n

of

the

and

mate

of

c

ti

g

ch
Corticosteroids (C)

Pulmonary and digestive PD/DGE
c a n r e a l i s m.

p r e q:
T H E A 1 6 1 0 o r p e r m i s t r 4 h r s 3 c r.

• H u t e r
all is; exemplo in action of people, that all is for, and that
C
R
C
Co
cur
n
Re
qui
m
en
t
).When
e
c
g
r
is,
i
ay
n
h
r:
G
e
r
a
l
E
u
c
i
o
-
f
c
t
i
v
F
a
l
2
0
1
9.
P
l
a
e
s
o
t
h
THAT WOULD BE THE AT(HERE)
Expression (CE) Parallelism and Diversity PD/DE 2/CSurvive
NGL1200, T H A 11003hrs
T H A 2130-W orld T he a t r e
A
c

I:
Ba
sc

T
ch
q

F
n
t
n
The area (W)

Humans

Core

Core
Acting:

American Realism / GER 3 / Atlantic of cee
and action using American realism.
n a t i o n o f p l a y t r u c e, t h e a t r i c a l f o r m, a n d r a m a t i c g e n e r e.
Includer's artwork...
uses, and particular to height for the atmosphere, empathy in its context.
et items, storyline, convenience, and advantage on thinking.
The at, film, and tel view:

How this table, this table, this table, mo
n
o
v
e
r
a
l
m
i
n
i
m
G
P
A
f
2.7
a
n
p
e
r
m
i
s
i
o
f
t
h
c
h
a
i
I
n
d
i
v
i
d
For the end of major and minor.

Example of the fun
o
r
i
g
i
n
t
o
h
S
p
a
n
i
h
G
o
l
d
n
A
g
e
p
r
e
q:
E
N
G
1
2
0
0,
T
H
A
1
0
1
0

ENG 1200, THE A1010-1024 hours.

THE A2140-1450 multi.
w
t
i
h
da
f
r
e
n
t
p
r
q:
T
H
A
0
1
0
3
h
r
3
c
r
T
H
A
2
1
5
Bac, grind, and develop, pressure, and future possibility.
America Real Estates

3/4: Fundamentals of Structures
r
to
ry,
such the players of Chekhov, Ibsen and Strindberg.
It is
r
el
on
d
t
at
i
re
b
e
a
k
n
i
T
H
E
2
6
0.
p
r
e
q:
T
he can and, решения.

In the countryside, video can
not a picture.

THETA101015hrs3cr.

THETA28200-
including, inking, and modeling images, for writing, painting, and modeling geometry.
THE 1013 hrs

THE 2840 - Make up for the St
Analis W Puralis dan Diverticulitis PD/DER3/APريق
Less of all is evident, at the extreme of parties, the atrocity, the
or, with them as moderator, as applicator, of growing, and
reciting, and playwriting.

prequel:

THE 2110 or 2120 or 2130
G E R 3 / A l p a y s, t h e o r y, a n d d e c r e a t e r f o r a l l i e s a n d n a t u r a l i s
Study for aces and parts using the area and / or
No rating

GER 3/AADVANCED CER
It, and post-modern philosophy:

THE 1010, THE 12600
The Hearses

The Hearses - Advance Video and Movie
G
E
R
3
A
C
o
n
i
u
d
s
t
u
d
y
o
f
p
r
i
c
i
c
i
pl
es;
i
n
c
o
r
p
a
t
i
o
f
de
ig
Polly writing (W) GER 3/ Study of problems in polly writing
used of policy, with them as not trusts.
Includen
ingrimentecontrarion.

preq:
THE
Theory and practice in context for theatre, film
and the level.

preq:

The A1010 or F1L1010 and The A28500
on: how will this ball throw, model, try them, and attempt the
This course part in the department.
my bed up there

...

prermis 5hrs
to freedom.
As pictorial will be the inside Sphere.
of Clases for Evocative elements.

permed.

1-3 hrs 1-3 c
ings, does it so, and depends on if something in the art
a
ti
cs
GE
3/
AT
HE
2420
The at
for
You
ing
Aud
din
c
writing for You in Adresse:
Theatre, Film, and The
is, fem inis and diger, materi allcuthe, the ory, vise
the body, on scene and on the terrace.

perqcor
As complementary to the headpart, the Urband Studiergrundung,
Going beyond the walls of the terrible, the majordomos ...
work can't

in the

which jobs

people and

as
work and playing.
The programs behave artificially from
What can I do with my degree.
In your study?

Involved with what have
The raw text is not legible.
c y a n 

and

P l a n i n g

H o n o r

O v e r a ll G P:

3.2

a n d a b o v e.

M a j
a
n
i
z
a
i
t
o
s
.T
h
p
r
g
r
u
s
f
o
a
f
u
l
a
c
a
de
m
i
c
a
n
d
i
b
i

a
d
m
i
n
i
s
n
r
a
t
w
i
n
e
s
i
v
e
m
i
n
o
p
u
l
i
c
y
s
u
or, who is a minority.

And who is it of gender and culture?
and 6,000 steps. Because we're women, minorities and migrants are
When
Urbansides 30 cider

Jacksmule 30 cider
The coronavirus particles as well as cells are not visible.
In addition to providing electronic resources.

In addition to providing electronic resources.
It’s more in the idea.
3 hours 3

URBS 2020
regi
Fo
c
olv
m
t
em
co
m
c
al
de
orgaphic, spatial, and pictorially, and the relationship
text property your.brand.
In cloud revive world as your.ces,
meet ho
design, use of computer, and methods of analysis from animation.
lys, and if its cost at all.

Preq:

Open your bansteu
n
a
l
e
v
i
n
i
n
g
a
n
d
m
a
g
e
m
t
o
f
h
y
c
a
l
v
i
r
o
n
m
en
tis
als
con
der.
pre:
URB
S20
or
pre
m
str.
3
hr
Score
Student's
assignment-
hand-
explanation
working
in
your
book
n - real people, private or non-profit agencies.

Theinternet
Open地中海

with 45℃
The morphemes is polyphrastic for a function of a morpheme.
With this peculiar approach, it sounds a lot like a new American phrase: "AFPR".
r i a b l e x p l a i n i n g t h e d i v e r s i t y o f g r o w t h a n d d e v e l o p m e n t
set up, as your network.

\[ \text{ECO} \quad 2000\quad 3hrs\quad 3c \]
The course will be held.

The course will be held.
It is so and sure.

And use and turn at the top.
The region's specialty is an automotive and machining plant, generating...
Ronaldo.

Reque:

GE1000 or GEO15003hrs

Of course.

For all.
george:
Asians, Blacks, Hispanics, Jews, Italians, and
W
not of at if action.

preq:

SOC10103hrs3cr.

SOC2350
portation, and the location of housing.

The role of public and private
nottchy to practical, steady,
k

to

deen
ta

tuch
tou
te

tukt

tuc

turl
e

e
}

s

e
o

e
v

p

e
mt

as

it

i

is

it
Knowingplace, for example, the Hands on Yards is not the
Far
We test
do of
Math
gal 
so 
how 
how 
up to 
whole
al; how are you.

preq:

URBS 2010 or pr
History and Theory of Your Pennsylvania URBG700
I think it is important to remember that it is not just words, but also our feelings, that make us what we are.
red by the artists of New York and help them prepare


for the next-level job and is figuring the-
The Apple Rotation is a 15-cred game.
Is it in your recipe with anyاعدادat the HurdleC
This is a new program. It begins in 2019.

Credits
expect, for a total of 15 credits.

Study must simulate.
We live there at the foot of the mountain in the country.
The babies of mammals.

We will all ask and understand.
Get your location in New York City—a world apart for everyone.
related information.

premium:

ENG
L
1
2
0
0
3
h
3
c.

BUS
2
2
5
0
0
-

...
ing (as in the rest), coding both in a

al and qe
i a l a c c o u n t i n g r e a r e s.

It will also bring ordinary house.
For non-syncing.

Curious.
Is the Student of Celsius.

p.e.: MEDIAN, otherwise various...
Send these instructions for future use.
ediatrics, utilizing gynecology-gynecological and breast treatment.
r
s
to
al
to
w
h
to
gin
u
der
a
c
p
t
It will be if all foot gloves are used of the gall is right.
By the end of this program, students will be able to...
at the underscoring:
• howเคราะห์ or ต่อ ขึ้น ประเรียกว่า ต่อ
vo ต
t, h, e, d, p, o, r, a, n, d, t, h, e, l, i, k, e, t, h, o, f, i, t, s, u, p, p, o, t, u, r, g, t, h, o, f, i, t, s
RUBS100

Li:
Peson and Observe
to turn the page of New York City.
i, and location is used.
Focus on evolving grammar, so calcium, and megaplot.
in your plan and policy.

UBS 100 or 6c.
In this course, we
You are using cloud review tools as your cores, minds, hands off.
oracing, using computer, and methods of from argument
and
planes.
Studets are taking outboats and
departing,
and all is
This is a 3-card trickery. 

...
work in your brain, practice, or no-practice age.
This is a typical course.

Study sets are the...
n
c
e
a
b
i
e,
as
m,
be
i
u
nd
-
ri
i
o
v
le
c,
he
r
CoCo.

Faculty, staff and students from both colleges work closely.
s
e
l
w
i
t
m
i
o
n
s
a
h
a
s
c
a
e
v
incoming.

What can I do with my digital in Computer

input.
Hello?
This program is designed to respond to work
At all times.

What can I do with my degree in Nut
r
i
t
i
o
n
a
n
F
o
S
c
n
c
n
T
h
m
j
p
r
p
s
u
t
s
t
w
o
w
k
i

me

In

facts &

Child

in

com

ut

ting,

fo

do

ari

i

c

y

ti

s

c

ve

ci
n
d
u
s
t
r
e
l
k
h
o
e
l
a
i
r
i
e
r
s
i
e
f
o
o
d
s
f
v
i
c
c
はある、ない、と実際に、

グッドな行動プログラムです。
new steps.

Study smart techniques for grinding techniques.
h e r u m a n s e r v i c e s i o n.

(Note: The NSF-Send and update record...
Not a text
the DP Dominga and ultravemente (NU-MS).

Since the MS-Nurtiriti
Diet: Diet (R&D) conference.

Programs: Programs.
Healing
Admission
is not
below
Camp
21
Their Avenue (11th Street & Third Avenue), New York
This article is for
by the end of Spring's semester of the Junior Year. Since the MS-Nu
if you judge from this BS/MS calculator for DIY
a
n
R
D,
s
t
u
s
t
h
v
•
C
o
m
p
l
e
da
m
i
m
o
s ed pr a c e p r o g r a m s a d i e t i c i n t r n s h i p (DII).

The Hu
R eligi ont (CDR).
Carre Opportunitie
work in hops, neutrality in games, and physics of icons and effects.
of
gene
cial
this.
Primarily for
ur
and
fo
MATH

125

or

MATH

150

or

MATH

152

or

MATH

154

hrs (3lec., 1r)
World (SW) GER GER 2 / A laboratorio - bedside - in a room they
i
s
r
t
f
n
s
c
n
c
h
t
c
s
u
s
o
n
f
o
n
s
c
n
c
m
a
j
o
r
h
f
c
u
s
o
n
e
erg
en
c
t
r
c
r
s
f
h
c
e
t
d
r
e

e
P
r
i
m
a
SciGen (LP):

SciNet

World (SW)

Pluralism and Diversity
here.

Come
down
e.

CHM

and

CHM
and function; history; never, use, music, culture and art as
Read for a ride in the guidance systems; in the gym.
No caption for this image.

preamble:

CH
aspects, taxation, your voyage of the microworld, versus, is
Not afraid of the night.
a, all and so cie.

On to all tude.

3hrs 3cr.

NF 13100-F
ature of foods, foods at it in and satisfactory; then it in all va
Use of food in relation to stress, procedures and preparations.
(STEM)

Not recorded from adjacent sites
and a...
nearly. Static calls into and拥护s is the
GPA of 3.5 and protects GPA of 3.2 or better controls.
How ever, a 3.5 GPA in an and of itself does not guar ant e a nd mis s
B(S(NF))

de
g
e
T
he
st
ude
nts
will
be
di
t
ly
nt
The text provided does not appear to contain any content that can be reasonably transcribed into a readable natural text representation. It seems to be composed of random letters and numbers, which do not form a coherent sentence or phrase.
eviwe

chw
cu
r
cul
p
th
f
the
fi
ye
ap
gr
a
m.
S
d
ten
This program.

• Stats, with imaging and coaching of C: can befu
All elements.

Also applicable:

APexscommand4-5its istics
all the \( e.g. \) and \( \text{CHEM} \)1000 and \( \text{CHEM} \)1030; or any other college-
lege
A P e x a m c o r e 4 - 5 i n C h e m i s t r y.

• O n e s e m t e r o f O r g a n i C h
To remain in the arm and continue to...
Two ways to set up an apparatus...
Physiology, with animation and diagrams: an introduction. c. 320 b. c.
A coil: On some parts of an automobile and...
One semester of Psychology fromarton for our work.

• One semester
a
n
s
f
e
r
q
u
v
a
n
t
•
N
F
S
1
3
1
0
F
o
o
S
c
i
c
I
o
r
a
n
s
f
e
r
q
u
v
a
For A and B: Complement of the card with a minimum in

•
appliance.

• Cooperate: Steakhouse

shorts.
Selec

24

critics

(24
critics)
onside for the BS/Ms multitask Biochips (ex: BI02800)
any (pre-Spring) ofJoy, and
decently
to
If a computer, BS/MS
Letterboxing in an (5th) year if that anticipating.
full-time. Upon completion of all courses, students receive certificates in ev...
The dishes courts (12 courts);
an amusement - geographic, id
ty-based, o
is itics eplu
SOC
qutris megagame.

Focus on development of culture, economy, and
geopolitical, commercial, and military
exploits through civilization.
c
r
a
n
tw
o
f
he
do:
P
\text{H}_3
\text{N}_2
E
v
n
o
i
s
p
o
l
u
t
i
o
,M
i
m
isn't because, uses, prevents, and controls needle disease
all Cars Systems and Help Policing Overwise With.
Sh
not a"d mind is't rati


e's pe

cial houses


case


car
To total credits received
To total credits received
This is a compartmental model of the situation.
of a variety of sciences.

Student work is phycal and biological.
hello, and another concept but the unit all well-being
This major is designed for students working towards the work.
for clarity.

The BSi NFS may be all and enough.
a
t
i
to
in.
S
u
t
i
th
N
F
s
j
w
i
l
ak
c
us
nit
i
t
o

thing with a good part in nutriment, this maj
n
t
o
g
i
n
t
o
a
l
i
d
h
a
l
f
i
l
d
s,
s
o
c
i
a
l
d
o
r
o
r
h
u
m
a
s
s
It is all possibilities and destinies.
To enter the BSG room, students must use the automatic door.
all.

Credit/NoCredit and events are not pertinent in this program.
Start is start, with immugrafe of C:\can\full\file\by SAT1
or any other role; or PSYCH248.
Cheyney is a town, with a museum and a department of Cheyney University.
and

or

and

600
M10200a
and C10300;
or any other c
gle-g
ngle r
cal c
he m
On some trees in chemistry.
The cross-country firefight in moratorium.
To remodel in gion and co
Anatomy & Physiology, with immersive game of Cinecross: ca
B: Complement of the set with a minimum active GPC
null
• NSF 3320
Now it's time to choose your food.
Principles of Epidemiology (3) • BIO 2800
Biochemistry is tricky for Horea.
take Biochem is tricky (ex: BI028000)

by summer
er, with immigration, so to qualify for NUTRMS.
When selecting cousins, it may be

A. As
To evolve into Requiem's proteins

* (11-23.5 c.r.d.i.t.s)
A TH1500 (STEM), MATH1520 (STEM) or for artificial intelligence.
Lepreco for 50 in Calcuus or Pre-Calculus.

Ones emtek r
General Chemistry

With help, with氨酸 and doff of C:
can be funny.
l
f
i
l
e
d
b
y
C
H
E
M
1
0
0
0
(S
T
E
M)
;
o
r
C
H
E
M
1
0
2
0
0
(S
T
E
M),
C
H
E
M
1
0
4
0
0
STE or CHEM1000 (STEM) or CHEM1020 (STEM) and CHEM1
E
M
1
0
3
0
0
(
S
T
E
M
)
;
o
r
a
n
y
o
t
h
e
r
c
d
l
e
-
v
e
l
g
e
r
a
l
c
h
m
i
s
t
r
In Ch 3.

One more of Organ Ch is try with lab,
HEME 1210 (STEM) or CHEME 2200 and CHEME 2230 or track for qu
all; or any other -like -like images are trick
The ride.

These cows may be edible.

Tired.
the ymst with hand for the Nutrimation.

Crdit/NoCrdit
their cats, and ours in the halls,
This is a comment, 42-cr
A diagram is not in the Polygon.

Help is coming.
hi: Enghish: Compotion (ENG12000) (3cr.)
Uses, Context.

When selecting contexts, it means...
Las -grogap, ideiny-balse-and, o-virtual, asthecus-fors
rescence and interaction.

Minimium

2.5 mm

terq
An instrument is specific

SOC1001010000

equivalent instrument
i

t

h

r

P

S

Y

C

H

1

0

0

0

0

o

r

P

S

Y

C

H

1

5

0

0

0

0

o

r

A

N

T

H

C

1

1

0

1

0

0

0

,

o

r

e

q

u

i

v

a

l

e

n

i

t

.
The image is a page with text that appears to be a scientific or technical document. The text is partially visible and includes symbols and abbreviations such as "PHE3000", "OPEFT", and "PTMB, MHC-PHE". Without more context, it's difficult to determine the exact content or subject matter of the document. The text appears to be a series of numbers and letters, possibly representing chemical formulas or technical specifications.
Heath (W)

A new projection of their roles of fec
n
i
d
i
v
i
a
g
e
y.
P
r
e
q:
ac
c
to
h
P
h
a
o,
or
p
e
use of new methods, so-called, inside the real and not the ideal, so-called, model.
as, vacines, geneclines, nopolis, and
of study; is right; doesn't; use, case, pree
In, and context is the same.
Wold (SW)

Fun and a moment of the scene at that
programming:
needs as sense, placing, implementing, attaining.
Use:

P3060

Social Distancing in Health
all and P
u
b
l
i
C
o
te
v
ar
e
r
to
m
es
t
r
to
s
m
e
m
Your paper by the Director.

Total = 42 credits.
read for the PHM algorithm, and how is the tray output on or off and indicate
If this trade's potential is not
ed a
si b
cul
to
ri
de
i
f
ed,
the
de
n
be
The setup and method to acquire data.
Dieter: Philipp, Philipp, Philipp, Philipp, Philipp...
not to stir, process in an and preparation. Not all studs.
of the way in which, so-called and technological
e r v i w o f t h e t h o r i e s, f u n c t i o n s a n d t a s k s o f m a n a g e m e n t.
D i s c
with applications from food security.
everment, instant, and computers, who performs
pressed: NF
Samples: in
B
f
e
s
i
o
a
g.
O
p
N
F
S
m
j
o
n
y
a
n
d
n
e
d
p
a
r
m
et
p
m is on.

p re q:

N F S 13100, 141003 hrs 3 cr.

N F S 40300 - Nu t
Use the trick: NPRBSmat3hrs3cr.
prereq:
NFS 3310, 3410.

NFS 4340 - NFS 4340.
ment and priority. Application of nutrient to other esp.
There are no visible texts in the image that can be read naturally.
Percorso da 34200, Piano Sperimentale, Soggetto 30303.
It is a new concept by the Americans and the Australians.
An analysis of its various levels and p...
e
r
e
q:
N
F
S
4
4
2
0
0
7
h
r(1
l
c,
6
l
a
b
)
3
c
r.
N
F
S
4
4
3
5
4
-P
r
a
c
u
a
r
c
h
f
i
r
m
;
p
r
j
e
c
O
p
e
N
F
s
m
j
o
r
n
l
a
n
d
de
r
m
e
n
hello again in front of the Unite States the celestial system, the perspective
spects, procedures, and guidelines.

VARIOUS
Using Bonds

This could and does improve the model,
technically, or alternatively, and technically uses that when
At 2.75 p.m.: Any instructions that are not specific to employees S10...
pH, MHCP, by permiscison of intricate 3hr3c
n
s
I
a
t
p
r
i
d
e
d
u
d
n
t
w
h
p
r
a
c
i
k
i
l
s
i
c
r
a
i
t
i
n
i
c
r
a
i
mica and culto, and he left the candy
rotates and the characters.
Start again for instead.
all the data:

P H 301003

P H 2200-
and pregnant.

Effete of a couple, so call well.
far, and probably at the other end.
with your basement, e.g., what quality, anyway, and nothing
all.

3hrs

0.0

Priced off of Epidemiology
logy
Ted
of
studies
se; is
to
cor
is
dr
bti
in
At 0.75 pereq:

Any instructions are superseded.
He a little Polly ovie wise,
She a little care,
of fic ia.
image
no
or
s
m
a
n
t
e
x
c
ed
6
.
p
r
r
q:
P
H
0
1
0
h
r
s
T
B
A
1
-3
c
r
e
p
c
t
i
v
e
Is he in 1975 in respawn to the world's move in the vastness of his exist?
and
gender
into
culture.
Our
classifications
not
the
criterion.
and File, Genre, Sextity and History; Music in its Genre.
in
in
m.
O
O
U
O
m
m
i
i
s
s
i
i
s
i
s
o
o
n
i
i
s
s
o
o
t
t
e
E
e
u
u
d
d
t
t
e
e
t
t
u
u
t
h
h
p
p
r
r
i
i
n
c
c
i
i
p
in, and a trick is simple.

Our faculty is in the directory group.
at the sudies in a variety of fields, in cluding in all work, polici
www.heuthcy.de/wikiweg
The diagram is at the arm-pulley system.
Use it all using the program for form.
for you

(und


in the

Hunt

Catalgo

and
d
two
It's too cold outside.
i t h y o u r a d v i s e.
C o r r e q u i r e f o r t h e m a j o r, H u t e r C o r R e s
q
u
i
r
e
m
e
n
(\text{HC})
c
o
r
s,
and
e
c
t
i
c
e
s
m
u
t
b
e
s
e
c
t
de

You
We will come to agree.
tutu

Huterc

Che	

GEC2

Alty"catal

alw
example text with a card and experiment.
hers on a conch.
m is Thoght (W) 

Pull and Divert PD/CGER 3/or
The course is too alike with in the 'world's
move into the Understep by exchanging some of the 'clays'
all these by Mary World to Court, John and am, and Sojourner Truth,
The cows are very polite and silent.
e a d
's c l a s s i t e x t o f t h e d i s c i p l i n e , w e w i l l c r i t i c a l l y e x a m
a

and
do

his

call

and
point

where

expe

ces
dt
akrediti (2 classes) of WGS - is described as a class of WGS...
Hello, this is your network and internet cables.
We will come to all together.
u

g

g

gle

for the world's environment, the atmosphere is not moving
3hrs 3craits
WS 2010-010-0Clasics ins Fe
The cows are all white in the "world".
The text by Mary World to front, John Adam and Joseph Tru
Crreshawing their.

'Fudating these by Gayle Rubin, J
The story's conclusion is clear.
in from animation.
of
color,
Their
world
world,
and
their

city
and
political
Note: Students may use WGS 3100 or
deutschsprochig.

Sincere best wishes
• An affectionate note to
 师傅:
(WGSP)

•

Areo
centr
at

4:
Labo,
Migrat
n
Globa
in (WGSL) • A recombination of Men and Gender at 5: Wo...
of the network.

As to the cell.
The Minors in Women and Gender Studies
S
2
0
1
0
0
)
,
T
R
a
n
a
i
o
a
l
F
e
m
i
s
m
(\(W\)G24044)
and
o
n
el
ci
v
The trust (WG31000). The research Seminar.
exhaustively, Sims (WGS1000, Clasics in Feinberg, Thougnt (W...
In contrast to Genetic and Syntactic Studies, use complex
Society-Society

Planning and Development
The countries will not order the power all.
ty.

We will come together for the world’s genuine needs.
hi is em, the abo is tme, see wrs, and the que rer
and
colors,
and
captual.
ft, John and amis, and Sou and Tru.
The curious ocovrs th
Evidently, the phrase 'class's tests of the idea' is misstated.
and others, with examples and activities.
the rod to a reargech. This to groeld the wit with g.
Studevant

WSG3100
to
Senario or Senario
in a requirement; standard terms always.
S0C3
p: S0C1
or pm
3hrs
3cr.
WGST
heater at the moment.

corners - solid

POL

12

E

GL

1
All strings of female her relatives and their respective family members.
This is a collection of words in Woman and Gender.
er
Stu
die
son
the
studs
of
fe
min
ing
hand
tomy.


femicide, but this to clarify, uses so
er is, won't, their world and all of them is. cars
All indoor and outdoor activities, along with legislation.
in a village, but as dice are not likely to be useful, the wheel
It is the center of attention.
The aim is for students to develop an understanding...
how the Laboratory moves.

prop: ENG

1200

WG
med, and changing reality, expertise, and the future.


We will examine the anatomy, for if not articulated
goals, civil rights, and crewsticks.
sted (Cos-statsed with NR3510).

preq: ESL12000, all
S"

a" "f

w""i"r"c"ul"at
t

e"i"n
tio
da
to
in
cito

S""i"n"ct

tio
w
Facts about cats and dogs.

In contrast, the natural habitat of dogs is often described as a pack society, where leaders emerge and social structures are more rigidly defined. Cats, on the other hand, are typically more independent and less likely to form strong hierarchical social structures. This difference in social behavior can greatly influence the way these animals interact with their owners.

As pets, dogs are known for their loyalty and willingness to please their owners. They are often trained for various tasks, such as herding, hunting, and even police work. Cats, while also trainable, are less likely to perform such tasks, but they are certainly able to learn many tricks and commands.

In terms of domestication, cats and dogs have been kept as pets for thousands of years, with evidence of domestication as early as 9500 BC. However, the reasons for keeping cats and dogs as pets have evolved over time, with modern pet owners often keeping these animals as companions for emotional support and companionship.

In summary, while both cats and dogs make great pets, they have distinct characteristics and behaviors that make them unique. Understanding these differences can help pet owners make informed decisions about which animal is best suited for their lifestyle and needs.
The Psychologist of Woman (WP) Palliative and Dev
expression of the idea is a fact with practical utility as
cibility (I&S)
s, t, o, s, c, h, o, l, a, r, s, a, d, v, o, c, a, t, e, s, o, r, g, a, n, i, z, e, r, s, s, e, r, v, i, c, e, p, r, o, v, i, d, e, r, s, a, n, d, a, c
cnw, ppe, pol, and tor. These mi
isn't a substitute for WGS.
With appropriate
parameters:

WSG3

hrs

TB

A1-6

c


your list's there.
The database has active queues and when the task is set.
the academy\[1061x700\]We will examine the academy...
c and "Globally in Huete-Cordeイラアイ"
This is a collection of songs in Women and Gender.
Studied on the table, imagining a galzy...
to the called for cases
in their lives.

To put

it.

The loss.

The
time.

It.
These, 'human-like' in verse terms, labormost polyics uses
Woman in the 3rd World

Sundaysfoot the 3rd
or, pol
i
cal, so
ci
al, an
d com
i
st ut
of wom
i
n th
The Agof Emerge Plural is and Diversion
Women in the Arctic (W)
c
a
n
u
t
r
e
a
n
d
v
u
s.
c
r
o
s-
l
i
t
A
F
P
R
L
3
1
9
0
(W)
pr
re
q:
A
F
with if not too

ENG 258

prereq:

ENG 22
Does this sound familiar, a murmured whisper for someone's silhouette, a blare of horn for someone's eerie.
n
i
s
h
m
a
i
n
r
o
g
i
s
a
s
w
l
a
s
t
e
n
d
e
d
p
e
t
o
t
.
D
e
p
e
si (W)
Purlis and Diervittty PD/CG/GER3/AA

echomusico
The contrary of Rusi an new world to Rusi an ite ra
the 19th and 20th centuries:

A. Akhmatova, M. Tsvetaeva,
A., A.

A., M.

A., M.
and theirs.

Redis

dand some writing in Rusсиан.
in action, from this to that and from all perspectives, of ways
for your doing.

Designing solutions means at fixed.
Write:

Across Women:

Develompment and Politics...
Bodys politic; Sexuality and Reproduction; Language, Sex, a

b
a
l
i
z
i
n
W
o
m
e
n
a
n
G
e
n
d
a
n
D
e
v
e
m
T
h
s
c
a
n
b
Dre\textsuperscript{me}nt as it will vary by topic.

Such topics as:

L\textsuperscript{es}...
And Report; Langauge, Sex, and Gender; Women in Health: E
A small animal in a small world; Globally in World; and God.
and Development.

These courses being taught abroad, fulfilling
i is cus sof of fem in is at iv and avacy.

Note: Suted sm
email: WGS1000 and G2020 at the WGS conference
Note: In peptide Steady (WGSS9300), may be applied.
The Shock of the Real

Programming the Bace
hello world

degree: the GeneReg

Pricen: (with a

d damages the

Ga...
Informati

No

r

s

i

n

g

c

ar

e

e

g

m

go

f

o

a

l

o

f

u

p

p

r

ar

m


Introducing the Bear Creek (with a minor in Nursing),
degree, science.
Hello friends,

design, stud

tins al
in use.

• Any suitable device whether or not a program.
wings
S


test


to
deg


for
the


er
in the map

• Appr

...
your, the Arts, and Technology in ELEMENTS QS TA 414
Mezzo:

Food at the foot of the Terrace, Lantege and Lernin
Me
do:

Clas
sro

Or
gat

Man
age

nt
ur
hods: Classtronom, Magneget, and Instruici
SEDC 320

Methods

Teaching

Development

Learning

Simulation, Game
Societies, Garden - SCP-4510 - Society in Texting.

...
From Here, As Soothe The Professors, Psychologists; Back
I'll insist. Venture (Carbondale)

Of Tecchovists, Pro
f,
Psys,
BSc,
PhD
De
Av
U
De
He
Br
holly;

BAM!,

MAD,

PDM,

Rhea
to

Jan
Yo
Psychology

GPA (3.5)

GPA
and 3.0 over all GPA. It involves doing a year of interservice.
There is (all but 20-25 ages) in AP's observing nights.
in
di
gs,
and
the
im
pic
tio
so
work.
All
Ho
Ho
The
is
st
de
en
Adivo

Cómo

Retorno:

Fácil

o
In a New World, As is not Profes, Polities; BAW
Read misunderstandings in stubborn ways highly.
The places such as
food.
There is not Hurricane College.

They are or quiet to fulfill.
Ream is
in
for
at
ion.
Stud
sting
good
dem
Road is on a part of the road.
S
p
ri
ng:
N
o
v
em
b
er
1
s
t
Ap
pli
cat
ions
su
bit
ted
to
the
del
No correlation.

of. In the virtual world, the room is empty.
all, so ccr, racquetball, and hactus, and the a
Intron, Intramural and Finpro

how the role
The region's office is located at the Hunsford floor.
in Procedure: Proceed at a target speed, the requirement is to

et

big,

can
get

their

on-

per

am

e

be

er,
m e n t i m e s.
A l l c o u r s e r g i s t r a t i o n i s p e r f o r m e d C U N f o r s t v
CUNY, all so village in CUNY for its 200.
The Hotline, with or without the Internet, can be a valuable resource.
to the Office of Advancing, Reporting, Building.
• In question...
• Sudden signs of a mild imbalance.

Building.

• Studefants when a particular rule applies to all.
not a contact

Addings, Rose
Room 119

East Building, for instance, on appointment.
Diabetes treatment
• Autonomic ation for subitut


S t u d e n t h o u s e p r o c e d u r e s o l u t i o n b e
but

too

in

the

prop

face

from

falling

an

ap

all.

•

Th
An "STOP not called by the gardener and all will..."
Incompleteness
the (IN)gradecive in the entire term being complete
If not, anticipate and anticipate for the game.
Of the Region, room 217. And it ion all.
nquirign in the Of
cfe of A

d Iv
e eti

Blindin
g.
I think you're thinking it's a current and electrical where
Hunt's Columbia when it's all up top.
escribe paragon.

• Steel stubs may operate as...
If the cell
ing the use.

As understood, how are circumstances of Dayre...
If instead of receiving your...

• (F, W)
in a very small way. This and just mentions to the GP for all automatic.
If tomorrow dressing happened.
CUCC

• The projectateurs must bake at the same.

CUCC
equivalent (up to 42 conditions) and to the equivalent property of the equivalent elements so
famjor ifeld of sturdy (majo).

Critical for the Hunter Co...
for a minor all day and do up 12.
As understood, may the need...
New York State wildlife regulations.
res, as follows:

Bayesian networks,

900 credits
In addition, when New York Stegends...
To date, no image for TAP in a calibrating environment.
Alarms and signals.
Comment on what will be convenient as an English course in its own
jors.
If there are errors or questions for two (or three) majors
Liber Artis stirpium
Advancing Human Collective
All this, and advantageous in the **Office** of Advancing.
h m a

t r s

c o n,

w h e n a c

u r se

i
d t o b
e g i

v e n
how are you today (left side, discussion) and the text below...
ok (s) to use.

Study seems not to obj

ing as usual.
If something isn't something and it's not there, then...
ree, specially.

Alighting
I need to talk to you about the geography of the world without words.
treatment isapid.

Realization

other
Geralinho is in a card by algP (also referred to as algefe)
STE R. SUSTAINABLE HANDLING AND DISPOSING OF WASTE
reasons:

Retention and Problem-Management and accounting

The
Welcome to the world of imagination and imagination for the future and the past.
new world is said from the Cloud and the ubiquitous it
y's
y's
term:
 retarded: adverse climatic and ecological factors that have a long-term impact on the environment.
As understood is automatic all when new.
The refore, all ways be of your calculating GPA. Study sets so on.
The accident participated in at the time.
at the edge of the somewhere thing.
talking in these conditions' GP thinking generating evidence to their regarded GP at the point of...
Conditionally, if changing geography.
The steadyness will not be probable in an idem-sme.
The problem is resolved at the end of the story.
earing computers in any of the unique
s discussed.

Ro
To run (Canada and a)
Mike Torr

Toms, As so
ciathe

...
on
ch
o
d,
A
so
ci
at
Pro
fe
so
r,
S
pa
sh;
B
AH
ut
er,
M
A
Ph
DB
r
The drawback in these migrations, putting it all together, is ide...
lighting. please see the followin
des (WU, WN, FIN) to react with headwords and fulfilled
in Latin, Chinese, Hebrew, and Russian, and so on.
The history and practice of the EEC (pre-K-12)
The math in Early Childhood...
The Arts:
An Intradimensional Laboratory Experience
in Ellementary School

- Teaching Science
Fieldwork for Child Development and Development
the Foundations of Life in Games
I: Clalsro Ora
gation, Managemen
t and Insturction in Man
Instructio
nal Plannin
g
For Literacy, Language, and Learning in the 21st Century
Using the Fall 2020 semesters, all students have the option...
not contrary to any of the (A-F) letters and digits they are not in the i
dat, get and do at all, with the expectation of fat.
y
o
n
c.
•
A
n
s
t
u
d
w
h
o
r
c
e
i
g
a
d
d
F
i
n
d
u
c
t
i
t
i
c
o
u
bot the Educating All Students (EAS) and the apparatus.
These are the notes.

Study where the key anomy may make.
• Follow the correct sequence, when necessary.
and Rusesi and some Roomaguersesction for courses in France
en, I'll analyze, and Spanish.

*Childhood Education (Question), Bar
is a col all around;'s undertaken in England, England is...
on a
ear,
asm,
and
tiop
he
S
We also recommend that you taste as much as possible and try to identify the characteristics of each type of wine.
Aspects of NYC, including NY, and the world.
show, step, call, in, and so much New York city
Deparntment

Inforation
and Equality (W)

This course is writing in innovative and meaningful ways.
Machines,

Gardens

- B.A.

All cars

not Machines,

Gardens
g u a ge
O t
h
T h a
E n
g l i
s h:
F r e n c h,
G r a
d e s
7 -
1 2-
B A
•
T e a
c h i
n L
SchooWorK
Fenn,
And Know (and)

A P E (S E R)
The SEK programe in clude:

for-weeksume

progr


a for immigration, Orienteering for Succursales, co
unselfing (a
cademic, c
areer, p
ersonal and
financial)

ut

or

in
invidual work, new-ased development,
the SED prog ram is so fast the env ir acs...
a
c
d
e
m
i
c
v
e
r
g,

t
h
e
n
u
p
b
e
r
f
a
c
a
d
m
i
c
s
b
j
e
c
t
a
n
t
h
i
t
r
of for speckle as is. All with vfor if into of have.
Aumentor recibe el tratamiento.

El régimen de tratamiento implica

...
For more information, visit Senvio real.
How:

Monthly

Friday

day

evening.
Welcome.
The centerpieces, souha
ted and development.
to one,

grouped due to reversion means
and reversions

The SS
The SLC ship with its fast-of-the-art electronics.
null
o
r,

So
cio
logy;

A

B

P

r

i

c
t

O

P

D

C

U

N

E

er

i

c

A

s

As

so
a
y
H
a
r
d
i
e,
A
s
i
n
P
r
o
f
s
o
r,
S
o
c
i
o
l
o
g
y;
B
A
W
e
l
l
e
l
y,
M
S
P
a
Nati

(Korea), MA, PhD Soon Carlo in Calvin John S
a
n
g
i
c
i
o
in (3c). 
The 23-cr
d
go
e
q
u
e
n
Se the Th Sc
In the interior of the Späh-SPAN1000 and Wri...
When selecting curves, it may be used as input.'s an
e.s (12cr).

SPAN 3110

The stretch of Model Span is

SPAN
There is no information in the given text.
on
i
a
l
P
e
r
i
o
S
P
A
N
3
6
2
0
S
p
a
n
i
s
h-
A
m
e
r
i
c
a
n
R
o
m
a
t
i
c
i
s
m,
R
e
a
l
On any of the lowercase (3c).
oll and the inside of the HorrColding's red eyes.
The application and implementation is December.

For example, for the application

on
of a total of 90%, minimum $\text{SA}$, corresponding to 600 calorie intake and 60
Stay tuned.

E S t u d e n t s

Keep an eye out.
CERN on the CUNY islands as smart things in rendering.
Is remedied for Elsa's design.
The standard artefacts
is a viable part of the ESP program's website:
https://www.theer
university program there is for your college.

It was set.
r, d, a, b, i, t, o, c, r, e, d.

The SPACE program Human predators...
Superior Programming and its website, http://www.un
or all of the (A-F) letters and digits that are not in their cells, too.
a
d
the,
and
door
with
the
effect
of
hole
effects
it's all about the

On the other
card,
...de n't's G.A.

4. Corse tekne for at tegn og v korte
tak en för a Card/Nocredit and will be undecided, just as is
The Spex with in CUNY, pcr time CUNY polecycl.
The Special Computerised Voice Input Device-19F
This, too, from small attend.
but the China, may, is critical, too
ut
re
se
tre,
ne
ce
ry
nd
po
ch
n
to
he
B
The Special Coordination

1956
The policy will remain for the Fall 2020 semester.
r
a
d
i
n
P
o
l
i
c
f
o
r

t
h
S
p
r
i
n
2
0
2
s
r
e
s
p
o
n
t
h
e
C
O
V
I
D
-
p
a
n
de
m
i
c
g
t
S
p
r
i
ng
2
0
2
0
s
m
e
The (A-F) letter grade is not in their classes, too.
redemption (CR/NCR) grading.

• During the spring 2020 semester, all...
tys's in all glasses on a
cold, the Cardi
If understood, please respond.
ing a world, where a firm (F) will continue to 'NC', which is where
for a Cb  
No-cr  
guard  
will be  
considered,  
just as  
that  
the  cb
in CUNY, prepare your net CUNY pol icy.

• The Scal COVID-19
on their gudgeons.

• The Special Control Number 19-5115  

Fall
vecourse with interjo, mio, and genrealization (Pathway...
The gardens are try, at the doteach.
an
s
cr
it,
will
be
date
dude
not
to
gt
all
Sparing 2020 and accounting in cloud computing CRoN C
were needed using a major
All College and School, except the School of Law and the School of Engineering and Applied Science.
Hello, Michael, when and where do you work in Paris/Faillci
practices, except if necessary, spare your eyes.

If necessary, spare your eyes.
and propose the B"order of Thanks imi-ate al
The policy will remain...
\text{CUNY}.

With 18s posts or something's and something's
n
a
s
i
u
m,
w
r
e
s
t
l
i
n
go
ro
m,
f
e
c
i
n
g/
yo
go
ro
m,
m'
's
a
n
d
w
m
e
n
's
The Braille alphabet uses as many as possible of the patterns that are already in use for print letters and numbers.
n, t, e, n, i, s, a, n, d, v, o, l, y, b, a, l.
M e n’s s p o r t s i n c l u d e b a l l, c r
We expect that this treatment will lead to a successful outcome.
to your mortgage:
The Car of the Future is Mine.
Their: the Fortune.
k
n
o
d
w
g
e,
s
k
i
l
s,
a
n
v
u
e:
A
q
u
r
B
r
o
a
n
S
p
i
a
c
l
i
z
e
The world could with certainty, and possibly.
critically, however, and at the will of either party.
active training, they will use novel vehicles to be underwater and terrestrial as
to be underwater and terrestrial as
have action in the world.

Value Pursuits and Diversity
a
t
as
is
ap
rior
to
fer
i

(jo
cou
se)(s
do
e
dy).

St
null
Instructomat

• MAT2500
(STEM) - Internet of Things - App 21400
The student must complete all 3 credits.

• The student must complete all 3 credits.
It is very.

Stand and advancing.
red

dean's list, changing grades and民企(WU, WN, F I N)
to
in the Office of Advancing, robotics is still new.
1. The type of unit used in the experiment.
for a paper:

[http://geppel.heute.ch].
This animal will not be.
The study uses protein extraction.

2. This technique involves...
for your case.

Such a page will be considered for your case.
of whi
c hi
la
r
i
n
g o
u
c o
m
w
r
t
i
s
e
d
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
h
a
c
o
m
w
r
t
i
and all the other things.
null
Noice!
The area above for Writing Inside—'W' describing.
This isn't writing every year.

The 'W' doesn't add the time.
There is nothing in the Smith ledge of Cashemere.

To stay is folly.
If the grade is not an average and doesn't count toward the final grade.
as an exercise.
The students had
their task.

The students had
their task.
beneath the Sentences,
the Office of the Office
of the Office
of Advantage is going over
all curly outs here spots big itie of the departmench. 
All in all, because I am
As is a case of Porg (TAP) and the Adiform for Part-ti-me Study (APTS).
vided (e.g., illinois) may apply for a semester of the School.
t e S a t i s f a c t o r y
A c c e m i (S A P) s t a n d a r d s.
S t u d e n t
To qualify for medical records.

...
For a New York State Ticket in As is an ency
(TAP) and un...
The following is the text content.
Example in the New York State Education Department giving examples.
equation (gp). The following in SAP tandem andard.
<table>
<thead>
<tr>
<th>Section</th>
<th>Requirements</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10*</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAP Payment</td>
<td></td>
<td>12</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>9</td>
<td>12</td>
</tr>
<tr>
<td>Program Pursuit Standards</td>
<td>The number of credits that must be completed in the previous payment semester</td>
<td>6</td>
<td>6</td>
<td>9</td>
<td>9</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Academic Progress Standards</td>
<td>The number of credits that must be accrued by the previous payment semester</td>
<td>6</td>
<td>15</td>
<td>27</td>
<td>39</td>
<td>51</td>
<td>66</td>
<td>81</td>
<td>96</td>
<td>111</td>
<td></td>
</tr>
<tr>
<td>Grade Point Average (GPA)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The minimum cumulative gpa that must be attained by the previous payment semester. | 0.5 | 1.5 | 1.8 | 1.8 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0
all to be believing for their worlds.
In their worlds, as
This sounds completely inappropriate and objectively inappropriate.
of Macy 1987, if understood correctly in new glasses regarding
In the following image, for a

Statistical World.
items:

1. when a fell corpse is expected;

2. when a gard...
and (3) when a cu r culum; an d
empty
• At the pet cremation, 150% of the cremation
it's normal for color of the egg.

— an
This chart would be used by a...
To minimize long-term illness, you must
The important role of variables, in consideration of going.
enattion, inndividuation, group and individuation, and decrtron.
i c r e q u i r e m e n t s, c l a r i f y i n g t h e i r g o a l s, a n d d e v e l o p i n g p l a n s.
Realigning the Hotcomitut
I need your help with a project, so I was wondering if you could...
i
it
io
to
the
er
ici
te
bo
ve,
re
si
th
O
f
co
of
A
d
on, and it in all the words, is still and p
us, a context in your case, to
null
The OnCamputer Recognition Program Gارد durations slightly.
or
or
e
vi
e
w.
Em
pl
oy
res
c
t
ho
e
c
n
t
i
d
e
w
h
a
r
i
n
s, and the roadmap.
and routines.

Commercial
locations
abate
decon
In addition, Healtree services are still
specifically (PA) for use in all relevant situations.
Can't understand what is happening to a cylinder to a natural representation of this document.
for students.

The computer hosts several queues.
There is a 504 Gradecord for students.
it is at the Centre. Studevant's mystery but in the end
Here;
(212) 772-4864,
Email:
intels@huntr.com
WEBSITE:

http://www.hunter.edu/students/
from HumanColor.
The test is important to your confidence.
for come with the Stand Exchanging and Veteran. Or from a
in Systems (SEVIS).
The ISOs use SEVIS-2019 or DSS2019 from start...
migrating, to use, and appropriate for the United States.
These (U.S.) education systems and the U.S. children
opportunities for your child where they will learn and develop.
hastwo programs:
Percoll (aged 2.5 - 5), and Affercoll (aged
un and a to for their data.

If for programs, ac vitie.
It is little.

Indeed it is not at all.

And it is not a matter of course.
ins, the Centre is off the rest of the world by thertle dimensions are
a s t o p r o v i d e i n f r o m a b o u t h e i r p r o g r a m s.
T h e s e i n c l u d e
For more information, and those at home...
to develop and enhance their stupidity.
The Center for the Study of...
un
er's
tu
den
s
sh
ev
op
un
i
ty
to
ne
u
r
r
es
i
ence.

Small group of people, and as imaging
t
r
e
e
R
e
s
i
e
c
i
e
l
c
t
A
v
u
t
h
S
r
e
t,
and
wim,
pol.

Resid
tes
cal
tat

S
terp
gr
it's a smart move, the Hacks come not
mice and deer.

Studnet-athelete be the best.
Furtmord, 60% of staff are absent as part.
all hose as weimorph, wiring, hotroom, gymnasiuim, the
is coffee.
Men's parts in cloud, cars, construction, and
a s p x ? t a b = r e c r a t i o n h o m e p a g e H u t e r C o l l e g e ' s r e c
b e r s o f t h e c o l l e g e.

O p e n t u d e n t s, f a c u l t y, s t a f f a n d a l m i n


all, ten and racket. No court features.
a i C h r e a l f e r e d.

I n t r u m a r p p o r v i d H u r t s t u d
i

it

e

g

g

g

ames

and

spots

again

time

time

below

long
Some of the peppers in cold fall
b, a, l, v, o, l, e, b, a, l, l, s, c, c, c, r, q, u, t, b, a, l, l, h, a, n, d, b, a, l, l, d, o, g, b, a, l, l,
nizatidine and clabscr—approximately 150 innumbervi
The of freedom is all around.
Here's more.

 Accumulation is taking shape or gathering in anticipation.
The center of the environment (SVS) is the channel at the connection
cells.
The SVMs are made up of data used in the training process.
Wait your turn and get ready.

We...
Look for words in your imagination.
Abrain counselor stops the
CU college. For more information, see...
From a tool, visit the Education Abroad webpage:

http://www.
i

c

s

at

t

h

t

i

t

m

e

o

f

ap

pl

ic

ati

o

n

a

so

ult

i

e

d

b

C

i

t

y

U

i

v

r

i

t

i


No-deregulated cells.
The rest of the text.
on the field, as well as a virtual building and devices.
The Bacheiro of Sceinc (BS)degreparragms
The Bachelor of Fine Arts (BFA)
Studied Art-BFA 2019 is described in the context of the text.
Hello there's a sad girl.

Stay inside.
in CUNY, a card in their right.

Studends must complete
the
true
but
tomorrow
to
card
to
be
considered
for
and

and possibly.
The topic is clearly, precise and vivid.
or
yaand
curt
of
Purt
to
Rica
out.
To
text
his
son,
Cr
c, ch, civa, and vocacy and computer-based.

Audio-visual -
The IUPR in 1989.
Hello with in the room, the film is part of the event in New York, N.Y.
call my friend, realize, cars, glasses, gene and dreads, edu...
The Creo Rerecognition engine uses perspective and rotation techniques in its setup.
The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Intelligence.

The Centre for Research on Artificial Influence.
They fakt at the historicals.
The laboratory assistant gave the preliminary classification of the findings.
With 300 colors and 100 or all going the right hand
and do

at

their.

The CONTR

all, for
din
Hello, Juan is a mutilating, building, reformable building.
Voices is the megazine of the Center for Pure Reason.
a
te
so
gn
I
nc
ag
in
t
ac
ti
m
on
ac


emotions, our computer and the genre.
I In 2016, it received the Imagine Aw ard for Best Localization. 
the.

data

the
there

dome
the

up-
in the United States. Data provide by the U.S. Census Bureau.
use the jumps and changes with the Pert diagram.
r

to

R

c

O

n

H

u

r
d

Y

e

a

r

A

f
t

e

h

J

o

n

e

A

c

S

t

o

P

u
t

R
Unite States:
A Bridge to
Education
Centro's
ed"
on all (such as views, points, the changing of)
The United States has been a world leader in technology, using computers for military and commercial applications.
This sentence is very short.
in the United States.

We appreciate your cooperation.

providing these updates at this time.

unpredictable
these, and for a card.
From nowhere for a moment.
In
milk, electrical connections and transports will
This policy applies to all U.S. citizens served by CUOMO computer services.
This policy applies to employees.
This includes, but is not limited to, deatkop and aplt.
opportunity, hand, and handled variables at all overtime.
In and trusting information from the Telphone.
locomotion, and acontextual.

• "E-
an
dis
er
and
do
there
cro
ges
vol
vi
ing
comp

and computer

• "Faucility in cloud full-time, part.
• "F.O.I.L." is the New York State Freedom of Information Law.
Of plurius.

• "Non-Pulvinar Informatio"
in the and diagram, but uses, and a diagram.
Ausbildung

• Verwendung von Computer-Tool: NYCMCopper
This is a cloud at the tip of a ve
e
s
o
r
u
t
h
e
U
s
r'
a
c
c
1.
N
o
w
i
n
s
u
b
c
t
1.
1.
9.
omputer

U
er

r
e

s

i

d

o

Y

U

s

r

a

r

e

s

p

o

n

i

b

dl
For example, use of CUNY computer resources...

.
All of it is sorry.

- Expect with respect to CUNY emp
a

in

do
c

e

f

g

h

C

o

u

e

r

R

Compu
t

Re

C

omp

t

R
icy, indexing subsections.

e Use their hand while...
ing with the laws, rules, policies, contracts, and discounts.
of privacy, society and children, and
doping.
In, as we'll see:

• Compuer
• Funda and
• Asse
• Act

• Comp
The U.S. Department of Commerce is used by the U.
Pulmonary

• Severe

Polar
4.

Use my use o

o
• Macho when
and not copy, don't worry about the data.
thereby, among the things, viewing, copying, reading, and listening in
This concludes, but is not ite
Use robots, tighten screws, and work.
use if, in the operation of the IT directive at the User's coil.
A file with CUNY docs, by itself, implies that.
In form, as well as for looking CUNY’s IT services.
In general, this means showing the information.
constructions (passing words) and conjectures, and
decipherings, and
me
is not (PDAs), and portable as to geography (e.g., a suitcase).
Please provide the document content for analysis.
redrive, at any time for reasons of data protection, with whom
Use \texttt{Genall} \texttt{Modeling} \texttt{Project}.
id

a
g
C
o
U
C
o
p
t
R
o
u
c
w
i
h
U
s
c
o
n
s
w
In some cases, if the University's individual facilities are at a location.
in a CPU, it will likely use it for rotation.
s or
r a
c i
n f o
m a
t i
o
r
d i
c l o
e r
t h e
w i
e u
w
have

now,

because

of

their

not
on, Use various positions of your own using CUNomy.
user's role in any, whether or not as world
Is it possible.

Mortifying without nice.

i.
et to the pupil, as by putting to Use orabbage; B.
ing sys
term,
so
term,
or
cum
tem
in
hi is here; D. when it is rainy
Viเครื่อง

チャーที่เครื่อง

นับ

ที่เครื่อง
If the chair is unavailable.

When an accompany
S
enata (if your current control's autocontrol is not active)
In a test context, it is important to remain conscious of parameters or specifications.
l aw;
an and the college prize to the Charlotte, as
In addition, users should be aware that UN米兰背景
red by law, shall all be provided by the General Council and shall all be
The text is not legible due to the quality of the image. It appears to contain random characters that do not form coherent words or sentences.
the actors

An una}

All S
The Office of Gene Networks is an all-analogue system.
isn't a term.

Primacy.

See Society.

NY's Web Site
As you can see,

Any attachment for

your report.
s
u
c
h
i
f
o
r
a
t
i
do
n;

i
v
h
e
l
i
n
t
h
o
f
i
m
e
f
o
r
w
h
c
h
t
h
w
all

tin
cor

with

the

C

U

Y

'ls

ch

ef

fo

at

io

no

c

an
d

th

p

r
Of course, the Changelings, or the Deer in

 disguise, Fari
es for crime, or their cleaning.
by the Office of Student Affairs.

CUNY has their rig...
This work is exactly by the press.
to use of CUNY computers. This includes, but is not
lived, data collected by untrusted devices to CUNYComp
A complex, vibrant ecosystem interacts within a dynamic system, where various factors converge to create a unique world.
Greece, Rome, and the Mediterranean, for instance in my talk.
a nation, my tradition, and a character.

In addition,
Problems and Controls

Grek
West (212) 772-5007

Program website:
http://www.ur.net
Hello Starry.

Grand Cayman, as is nota Professors, Stats as inc
Studie, Clausen, and Ortel Studies; BAA, NYU, PHDMICROWAY
Classes and Objects; BAPomona, Phe nyvania...
and
Or
in
also;
By
in
The
C
and
cold.

As
and
tugging
is
used
as
a
stem
of
the
a

un
t
s
i
n
g,
fo
da
and
pe
r
all
xp
se.
A
d
i
l
a
w
ce
m
y
b
How using color to frame the Living Away from Parents bucket is depicted
i c h e y a r e l i g b l e.
T h i s s y s t e m f o r a l l o c a t i n g a n i d i s c a l l e d p
at and ance (itinerary, books, travel)  

If unused
It's, their living experience.
The Dr. Murray and A. Rock wrote in the computer.
from a twin and the techniques, writing tools and referees,
Of course, Education Center (PEC) is an academic center.
Accest o the cld:
·
In the interest of ease, on the instinct, and doing it all.
corto: Marin Drnbaum; Mezagna, Brookdale West World
Their day 9 AM - 9 PM and Friday 9 AM - 5 PM.

The Unit
Text (MP) is a time, minute, clock, computer -based...
r, une st thes a fon o the fwe xem ptios s the d
The exam does not factor into the college.
er, it does affect yourourdies as stupidly
Counsels working.

SALT, ACT, CLEAN.
satisfield by computer on the MPT.

For the reasoning of these so-called

ths.
Bo Calculus
BCT-test but not yet know their concepts, need to ask them.
to be a list.

(A complex formula or equation)

(A list of elements or variables)

Use A, B, and C to solve the problem.
Apportez la MPToys.
It is not interesting, not intriguing, not prob
ing, not
For reasons of action in the TELES.

For reasons of action in the TELES.
h
6
8
t
h
S
t
b
t
w
e
P
r&
L
i
g
t
A
v
e
s
2
1
2
7
7
2
4
4
7
1
2
1
2
.
 legislators. It is a way of functioning all and
The Kaye's fall...
The Channeling Experiment is a multileveled experiment for generating channels.
s
r
e
q
i
e
r
do
a
l
f
i
st
im
se
rs.

H
o
h
a
nd
ad
i
o
m
f
or

in,

computer-as
tool
or
tools,
CDs,
and
digital
data.
It is inside with this tide not the ex
books, solutions, and reviews.

It all appears...
id

es
is
t
an
c
ew
it

with
them
at
this
tud
ys
k

S
peak
f
cho
The Motor Floor in the region for a
in or.

In

ti

is

ci

pl

in

m

or

sm

ay

be

sh

d

be
e

w

n
t

w
To decode a machine or understand its inner workings, a student should read.
S
u
d
S
e
r
v
i
c
(O
A
A)
T
h
O
f
i
o

s o f s e r v i c e d i n c l u d e:
ad v i s e m e n t; a s s t a n c e w i t h r e g
i s t r a t o n g r a u d a t i o n.

N e w Y o r k S t a t e c a r t i o n a n d
Resourcess and devise.

Realizing the concept.
n and below.

In addition, the Office of Agriculture is involved.
s
Of
f
i
c
go
C
n
E
x
p
r
i
c
e
s
(O
C
i
r
p
s
b
f
o
r
s
To that end, the faculty and staff workicolor.
The experiment is for testing.
Your cockpit (whether in the absence or presence) and the redactus.
There is no foot of the Builder's Office to remind him of the antique.
and it is the Bursar's Office for college ctiing,
n and procedure, as well as Federal, State, and City guidelines.
your bill:
• On line:
  Pay
  Payment
  (which is
  for both
  E-
e
r
s
o
a
t
h
C
h
i
r
' s
w
i
n
do:
P
r
o
n
C
h
k
o
r
M
o
n
y
O
r
d
r
a
n
The text is not legible.
Situation:

- Computer
- Environment
- Input
- Output
The Office of the Regulator is responsible for oversight of pr ocesses so that is
use:
• With walls when
door and window are
depicted
en
d
c
e
s
s
t
t
e
A
c
d
d
d
m
i
d
d
d
p
t
m
n
t
a
p
r
v
e
v
r
es
a
nd
do
the
rp
e
n
a
om
a
t
i
o
f
a
t
n
o
fo
m
a
o

•
C
ger
fi
t
i
t
i
o
t
n
d
There is clearance when to still the Russiangame as a result.
laischinemy, biologym, themanadthe\nreal
def

It is used primarily as a control for
so the concept of perspective, but is something that...
The current and flowing week's work in your experiment.
The Skill

Fieldman Stude
On the east side is the Per Aadviking Lad.
I don't know anything, the Center is off the reserved.
out
th
i
r
p
r
g
r
a
m.
T
h
e
s
i
n
c
u
de
s
s
i
o
n
o
c
a
r
e
r
x
p
l
o
r
a
t
i
on, in the improper term, Pr-Lawn from ation, and their
in, call (212) 772-4294 or visit the Lewis Book Kee from Center.
The Development of the Future of the World's Population
to send all parts of the artwork.
or
you
of
the
tear
and
dam.

The tear
cousins
inside
cutting,
The current cultural milieu would be...
noo
notbecoming
workingattheartifact.
Otherscannotusetheircr
The paper presents a novel approach to address the challenges in computer vision, particularly focusing on the integration of machine learning and deep learning techniques. The authors propose a framework that significantly improves the accuracy and efficiency of image recognition tasks. They achieve this by refining existing algorithms and developing new models that leverage the power of deep neural networks. The results demonstrate a substantial enhancement in performance compared to current state-of-the-art methods.
Retinot:

Faculty of the School of Arts and Sciences
Man, Acting, Theatre, History, Mirror, Friends, or;
P, NY; Theatre History, Acting and Directing Tho.
An, Prof. D. F. A., Yale; Dr. Margaret, Dr. Curtic is m.
Theatre

This is why, As in Theatre, Politcal Theatre. Choral Theatre.
Luis Thompsos, Assoicated at the Protein; MF, Yallel; Setan and Co.
He is try; BSM at that Cologe, PHDCalf for ni (Beckley)
Gi; BACall for nia (Los Angeles), PHDaleyBeard and eteMCCa
Mats and Stats; BSCityCollege, MS, PhDNYUL
a t e r s a n d (S o u t h A f r i c a), M A P e n n s y l v a n i a, M A P, P h D S t a n f o r d
You cannot, as so it's possible; but in addition, PhD
This program uses speech to text with a particular...
all andininstead.

Open to understand how and what at the anda
This chapter touches upon the utility of maturity models.
work with tools and equipment
end by taking clove for their riga all a
The redaction not for theercosremsthes
incoming.

66 multilateral action (Garde done not receive; these)

...
not anrs:
ES/Rem
deval/Dev
coo;
Fsm
han
Studnets use their cellobows to find clues.
All around, in cold tradition with CUNA
The matrix algorithm is too dumb to act like it's smart.
f
er
to
H
u
t
r
C
o
g
9
0.
T
h
r
i
a
7
-c
r
d
i
m
i
t
n
It is still a fact for him and is in crisis.
not using off the tool; if a candidate benchmark is still
The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.

The policy is all out in the 
esubs.

'}s

ollies.
CUNY Policy
This policy replaces all outdated regulations.
The friendship is as follows:

• 100% trust
• 100% confidence
s
S
t
ud
et
sw
ho
cmp
te
el
ci
ci
al
it
hr
w
un
of
fi
ci

on all pros for any studio using U.

S.

desire of V.

ever
on and Emplace (Ch. 3.1) between, while paperment to
This shows not from the VA.
red to:
Produce the Certificate of Eligibility by the first self-categorization.
join the call.
The following are technical details and/or options.
<table>
<thead>
<tr>
<th>Africana and Puerto Rican/Latino Studies</th>
<th>Hebrew</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
<td>History</td>
</tr>
<tr>
<td>Art</td>
<td>Italian</td>
</tr>
<tr>
<td>Biology</td>
<td>Latin</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Chinese</td>
<td>Music</td>
</tr>
<tr>
<td>Classical Studies</td>
<td>Philosophy</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Physics and Astronomy</td>
</tr>
<tr>
<td>------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Dance</td>
<td>Political Science</td>
</tr>
<tr>
<td>Economics</td>
<td>Psychology</td>
</tr>
<tr>
<td>English</td>
<td>Romance Languages</td>
</tr>
<tr>
<td>Film and Media Studies</td>
<td>Russian</td>
</tr>
<tr>
<td>French</td>
<td>Sociology</td>
</tr>
<tr>
<td>Geography</td>
<td>Spanish</td>
</tr>
<tr>
<td>German</td>
<td>Statistics</td>
</tr>
<tr>
<td>Greek</td>
<td>Theatre</td>
</tr>
</tbody>
</table>

Women and Gender Studies
In retrospect.
It all of a matter of Sine (M7).
The MS degree in Nutritition (Nutrition MS) is a

The Office of the Provost in a variety.
try these and pretend for simulation tests.
Tired

These programs for studies

are similar.
The BP-END program, and its related here
In situ for Scenic Enhancer
The MBRS-REE program
Hello world (MMU)
The Millin Fondation's official
of the understand ation of Black, Latinos, and Naive
Involvement in the program so-on-son-to-ri
Fully.

For more information,

this.

Note that

the relevance.
The Model Protocol

Humanitarian

Prelude
s
s
i
n
g
c
o
c
r
i
n
h
p
b
l
i
c
p
r
e
a
n
d
o
n
w
a
r
e
o
f
c
i
v
i
c
e
n
h
p
b
l
i
c
p
r
e
a
n
d
o
n
w
a
r
e
o
f
c
i
v
i
c
e
n
The Melodys 
Puppets 

Humpty 

Split 

Trick 

Tests
do

d
de

r
c

r
r

as

p

i

a

r

d

w

i

h

a

r

e

s

a

r

h
For more information see https://humanise.ml.
all rights reserved.

Stansted spread eight weeks per week
esearch.

Also understand the relevant GReapration.
Ad dit in all from atop.
This is something in your world.

If you understand these things.
In this case, the remedy is a combination.
With (WU) is a sign
does what the end
dam
in mum ofe.
It is important not to underestimate it.
all with your computer for the entire week and
Faucity of the Scallop of Arts
the Urbin Planning (MUP) Program; PhD, Brandeis; Planck and A
for a balance models, testing, and monitoring, transparent, and potential
Holding, Urrban Renewal and Urban Development

Viivi

Lo
nichetechnology, EnVision, Family, Gender, Edwin
I T; S u s t a i n a b l i t y, U r b a n I n f r a s t r u c t u r e, E n v i r o n m e n t a l J u s
context, this is clearly helpful in all or part of the following way.
and E
mplayer (Ch. 31)
been, which may
to the instant
This somehow will not:

- Prevent
Order the Carillo by this day of October

There are also advantages associated with the Apple Inc.

All with the Apple Inc.
Advancing, Room 119 East Building.

Students must return books to
Advancing.

The world can't be (1) the same and different with which

...
there is something; (2)
there is something; (ID;
global and the last of a; and (5) copy
all, must apply for and is in the Office of Admissions,
hey what happens when you eat.
demshave
edoftheirweek
The core will not stand.'

As pounded...
A pop will be getting when it is clear that the suit
herin a letter.

As understood, this document contains no further content.
See them only.

Women and Gender Studies
i
e
s
R
e
t
o:
F
c
u
t
i
h
e
S
h
o
f
A
n
S
c
e

A
l
l
l
l
l
C
r
i
n
l
A
s
s
c
a
t
P
r
o
f
s
o
E
n
l
i
h
h
B
A
M
A
C
a
S
t
PhD
Hijo
And
Kei
P"e
ro"e
m"a
n"d
M"e"a"S
g
e
es (Frenche)
B
rowe,
A
thaney,
A
s
ci
tate
Profe
ws
or
A
f
ca
na
Is; BUN (Albany), MAComb, PDNYC, Gara
your, Dare, As so, at Pros or, Psy cholgy; BA sk, MA, P
to Rico, M. P. S. Correl, P. How University Experiment, Sus
is.

As so at the Processors, Robots, and Language (Spanish);"s
Pronto, Film and Media; BAFriendWorldCollege, Geography, Vere...
Studis;

Best Inidges, MA Queens (Canada and a)
PhDK En (UK)

Mr
isn't, geologic and climatic, continental, and
automobiles, domestic and industrial, and
automobiles, domestic and industrial, and
automobiles, domestic and industrial, and
automobiles, domestic and industrial, and
ned, I am asked, As so curious, For film and Mede Stude; BAS
Presents, Psycology; BiMaging (An An Arab), MA, PD
NYWA

Welcome, a cool boutique between fall and from the th
...and they learnt by writing about it.

For...
more information about the progress:

Web site: